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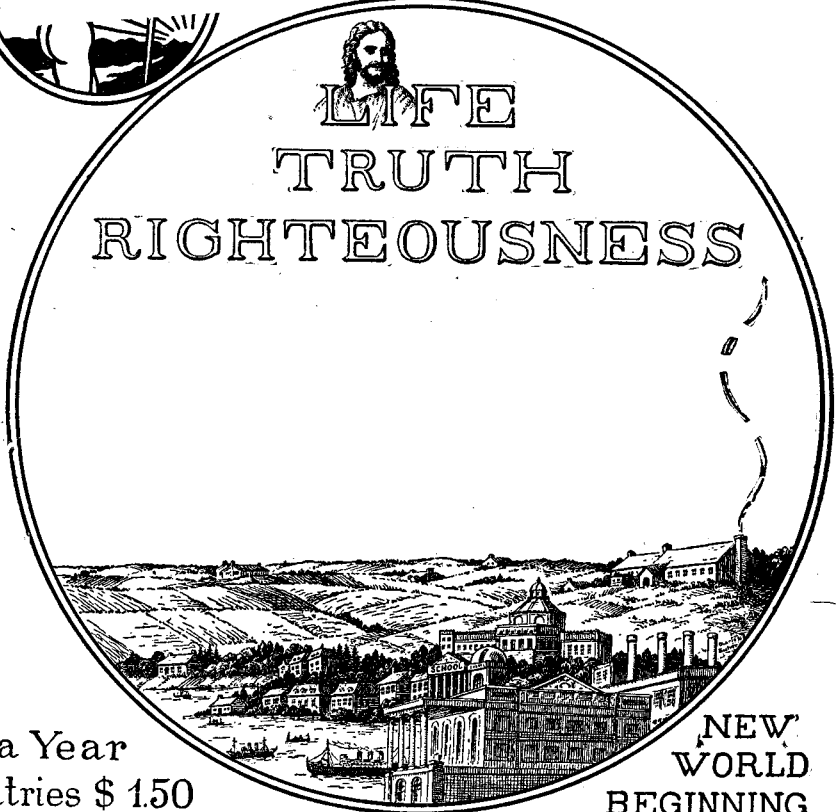
a Journal of fact
hope and courage

Vol. VI Bi-Weekly No.
April 22, 1925



- AUTOMATIC
ELECTRONIC
DIAGNOSIS
- POTASSIUM
THE ELIXIR
OF YOUTH
- AN ADDRESS
ON ZIONISM
- HOW STABILIZE
THE WORLD


LIFE
TRUTH
RIGHTEOUSNESS



NEW
WORLD
BEGINNING

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Published every other Wednesday at 18 Concord Street, Brooklyn, N. Y., U. S. A., by
WOODWORTH, HUDGINGS & MARTIN
Copartners and Proprietors Address: 18 Concord Street, Brooklyn, N. Y., U. S. A.
CLAYTON J. WOODWORTH . . . Editor **ROBERT J. MARTIN** . Business Manager
WAL. F. HUDGINGS . . . Sec'y and Treas.

FIVE CENTS A COPY—\$1.00 A YEAR MAKE REMITTANCES TO *THE GOLDEN AGE*
FOREIGN OFFICES: *British* 34 Craven Terrace, Lancaster Gate, London W. 2
Canadian 33-40 Irwin Avenue, Toronto, Ontario
Australasian 495 Collins Street, Melbourne, Australia
South African 6 Lelie Street, Cape Town, South Africa
Entered as second-class matter at Brooklyn, N. Y., under the Act of March 3, 1879

The Golden Age

Volume VI

Brooklyn, N. Y., Wednesday, April 22, 1925

Number 146

Automatic Electronic Diagnosis

By Dr. R. A. Gamble, Dean of the Norfolk Electronic Institute.

[THE GOLDEN AGE has fullest confidence in any representations that may be made by Doctor Gamble. He is well known to many of our readers and we are sure they will read this important article with great interest.—Editor.]

I KNOW that the GOLDEN AGE has hitherto held aloof from saying anything, either one way or the other, about the famous Abrams' Electronic system of detecting and treating diseased conditions; but I feel that the time has now come when it may safely and wisely do so. A new discovery in this field has such promise of being an inestimable boon to mankind that I feel it would be a pity to keep it under cover.

Perhaps I will be forgiven if I assure the readers of THE GOLDEN AGE that I am an old-school physician, with twenty-eight years' actual experience in the practice of regular medicine, the last ten of which have been devoted exclusively to chronic diseases; and that naturally I approach any new theory with the caution that years of experience and habits of close scrutiny are bound to bring.

Any capable physician will instantly concur with the proposition that the science of medicine, as at present practised, is built up on the diagnosis of diseases by their symptoms and the treatment of those symptoms. In the highly organized and progressive state of Massachusetts it is reliably estimated that nearly forty-five percent of the preliminary diagnoses are afterwards proven to be incorrect.

Symptoms are simply the sign posts, nature's warnings of disease processes already established in the body. When symptoms become so pronounced that attention is repeatedly called to them by fever, pain, fatigue, nervousness, etc., tissue or body changes have taken place; the "balance" of the system has been upset (I will explain later what I mean by this term "balance".) and we have a condition of disease, a disturbance of the proper equilibrium of the marvelous organism in which we think and see and hear and smell and taste and talk and live.

Treating the symptoms, while relieving the pain temporarily, does not relieve the cause of the unbalance; and later there may be established a chronic condition, or its beginning, which seriously impairs the bodily functions so necessary to health, and curtails the activity and the happiness of the individual so affected and of those immediately about him.

Nature Does the Curing

A THING that must always be borne in mind in the treatment of disease is, that it is nature that does the curing. Nature is constantly engaged in the struggle to prevent or subdue sickness in our bodies. What she reasonably asks of her tenant is that he will do the reasonable thing by bringing in materials suitable to the building up of the life cells, and by giving reasonable attention to the elimination of the disease toxins.

Elimination of the toxins and poisons of the body is accomplished in three ways; through the bowels, the kidneys, and the skin. If any or all of these become impaired from any cause, disease is sure to result. Again, if disease is present in any form, we can be reasonably sure that either one or all of these avenues have become affected and need assistance.

The efforts of the physician are best directed when he seeks a path by which nature can have a proper chance to repair the damage that may have been caused by the disease, the amount of repair being directly dependent upon the amount of local destruction in the particular organ, tissue and cells involved.

It was an epochal discovery in science and in medicine when the revelations came home to professional men that all substances are to a greater or less extent broadcasting stations, put-

ting signals on the air which vary as do the assembly and rate of the "electrons" of which they are composed. All of the sensory organs—nose, eyes, ears, mouth, and touch—are receiving sets. Every nerve tract in the body is a receiving set; and hence the medical profession can not possibly ignore radio, even if it would.

It was an appreciation of the immense significance of these facts that led me to give attention to the theory of electronic reactions when it was first put before the medical profession some five years ago. As a résumé of some of the important findings in this field I quote a few paragraphs from John Mills' recent book, "Within the Atom":

"If we accept the very latest dictum of the physicists, that all matter is composed of compressed units of electrical energy called 'electrons', and that, in the inevitable process of disintegration (the fate of all material things), this energy is set free as 'radio activity' or 'radiant energy' does it not logically follow, purely as a matter of course, that this kinetic energy could be recognized and measured, if apparatus or methods of sufficient delicacy can be devised?"

"Just suppose that twenty years ago someone had told you that the very air you were breathing was full of music, crop and weather reports, and so on. You would have thought your informant a fit subject for examination by an alienist. But today you know that such things are facts, because you can place a little electrical apparatus on the table, press a button and hear music, sermons, speeches or reports snatched out of the air. This has been brought about by the improvement in sensitivity of receiving apparatus, which catch the energy being broadcast by the sending station, a thing entirely unthinkable a quarter of a century ago.

"When the attention of the scientific world becomes focused upon the possibilities of applying the same reasoning to the healing of afflicted people as is applied to a problem in physics, chemistry or astronomy, the realization of the altruist's dream will be at hand. The recognition of the universality of Nature's law and its application to all problems, great and small, is the first step in breaking the shackles of unscientific diagnosis and inefficient treatment."

Abrams a Great Discoverer

WHEN the description of the X-Ray was first cabled from Europe, the experts on the leading magazine for electrical engineers, published in New York, rushed into print denouncing the whole thing as a fake and an impossibility, and reproved the public for being so foolish, so credulous, as to believe that any device could ever be made that would enable

human beings to see through wood or leather and to take photographs of what lay beneath. Hence none should be disturbed by the bitter denunciations which followed the announcement of the epoch-making discoveries of Dr. Albert Abrams, deceased.

To Dr. Abrams is due, and will always be due, the credit for setting forth the fundamental truths concerning the Electronic theory in its application to the diagnosis and treatment of disease. His method, as taught and applied, has already created a revolution in the ranks of medicine which only the uninformed and the unprogressive will deny.

I was not at all surprised the other day when I noticed despatches from England that a great association of medical men which a year ago unsparingly condemned the Abrams methods had reversed itself and acknowledged that the whole subject should be reëxamined. In my view, no other course is possible. They are bound to come to it, sooner or later. The many, marvelous cures made by Dr. Abrams, and those who practise the Electronic Reactions of Abrams, or ERA, as it is called, have forced the attention of the whole world upon it.

That Dr. Abrams did make the cures claimed by him I know positively; for I went to San Francisco in 1922, studied with him, and assisted him on many occasions. I daily visited his treatment rooms, filled with people from every part of the world, talked with them, and watched the progress of their cases; and consequently I have first-hand knowledge of these matters.

Like Edison, who had to devise models for his electrical apparatus, Dr. Abrams had to contrive instruments for its application in the treatment of disease, chief and best of which was his oscilloclast. He was engaged for twenty years in experiments in the electronic field, and had made wonderful progress at the time of his death.

It is not at all to Dr. Abrams' discredit that his teachers and students are working daily, and are producing better machines since his death. The *idea* is the big thing; and for that Dr. Abrams will never be forgotten, but will eventually get undying fame. The machine or treatment apparatus, however, is the heart of the whole thing, as far as the patient is concerned; and it is to his interest that the Abrams ideas should be carried to their apex.

Electronic Theory Correct

AS A hint of what is coming in this country, as well as in England, among the progressive men that go to make up the medical profession I quote the following despatch taken from the daily press:

"MAN A MACHINE, DOCTOR ASSERTS TO CONVENTION—Tells American Surgeons 28 Trillion Wet Batteries Form Body.

"Chicago, Oct. 23rd. (By Associated Press) Man is simply a mechanism run by electricity and chemical action, a machine made up of twenty-eight trillion electric cells, according to Dr. George W. Crile, Cleveland surgeon, here attending the convention of the American College of Surgeons. Each cell of the body, 28 trillion of them, is a tiny wet battery, with negative and positive poles, according to the surgeon. The brain cells are the most positive. The cells of the liver are the most negative."

Dr. Crile is simply stating facts that have been long understood and demonstrated by Dr. Abrams and his co-workers, in the field of Electronics. If the electrical "balance" of the cells is correct, proper nerve supply, nutrition and elimination will follow normally; and good health will follow as a matter of course.

If we can take any body organ tissue that has an unbalance or disturbed equilibrium, and by sending an electronic current of the right potentiality into the diseased tissues, bring the equilibrium back to normal, then the nerve supply, nutrition and elimination can take effect. And if this can be accomplished gradually, nature will step in and finish the work.

At the recent Chicago convention of the American Electronic Research Association Professor Blackburn, of Texas, gave a two-hours' talk which can be condensed into the following:

"That everything vibrates or is a broadcasting station is corroborated by the eminent men of science who collaborated in the preparation of the material which composes that great work of reference, The Standard Dictionary. All of these vibrations or radio waves exist and travel indefinitely until they meet their own like or kind of waves, when both unite and cease to exist. Our objective is to collect those peculiar vibrations which are set up in the body by the many various diseases to which humanity is subject, and then to send into the body exact corresponding waves or vibrations. When these introduced waves meet the disease waves in the body, both cease to exist and nature restores the balance. Therefore, gentlemen, if we work out machines or apparatus that assure us of a perfect tuning in, we are masters of all disease."

Disease is Wrong Vibration

FROM what has thus far been said, it will be apparent to all that any disease is simply an "out of tune" condition of some part of the organism. In other words, the affected part of the body "vibrates" higher or lower than normal. It has a different vibratory rate than the rest of the body. It is out of "balance". It is dis-eased. Diseased tissues radiate more energy than healthy tissues, and this unbalance can be measured and corrected.

Science tells us that when two high radio frequency waves of the same rate meet, they become neutralized; and upon this fact is based the entire principle of treatment by all electronic treatment machines. In other words, when an electro-magnetic wave meets in its path a substance vibrating at the same rate of speed or resonance, that wave is stopped; and the energy is absorbed by the medium that stopped it.

This is illustrated by the fact that if you toss a stone into a pond, waves will spread from that spot into wider and wider circles. Then toss another stone at another point, and the effect will be the same. However, when these different waves meet, they neutralize or destroy each other.

So eminent a physician as Sir James Barr, formerly president of the British Medical Association, has given unqualified consent to the principle that by creating a radio vibration similar to that used by a disease in the human body it is possible to cancel or neutralize that disease. The solution of the disease problem lies in the development of scientific instruments that will respond to the delicate vibrations produced, and will adjust the electronic unbalance where it exists.

Diagnosis is the Crux

DR. FRED MOORE says: "Skilled diagnosis is the crux of ERA success." This is true; and Dr. Abrams frequently stated that perhaps not more than ten percent of the students who took the course under his personal supervision would become successful diagnosticians.

The ideal for which Dr. Abrams was striving, was some method of automatic diagnosis. That this is true is proven by a letter written a short time before his death to his student and very

close friend, Dr. Strong of Los Angeles, in which he said:

"You are quite right, Doctor. In the final analysis it is always the man behind the gun who determines the degree of accuracy of the results. Nevertheless, I shall continue to try to eliminate the personal equation from electronic diagnosis in so far as possible."

At the two great conventions held by Abrams practitioners during the year 1924, the one for the Middle States Society, held at Kansas City, Mo., and other of the A. E. R. A. in Chicago, attended by ERA men from all over the world, the burden of all the speeches and discussions was:

"If a better method can be discovered for making diagnoses, a method by which we can tune in automatically, we shall have found the elusive secret of Electronics, and the problem of its proper application in the treatment of diseases will have been solved."

There is one other feature of the Abrams system that has hindered its wider use in the relief of suffering humanity. The cost of a blood diagnosis, together with the necessary one, two, or possibly three months' treatment is far beyond the means of the individual or family in average circumstances; and it has been almost impossible for poor people to have the benefit of the Abrams treatment because of the cost factor.

Up to this time, only doctors could have the apparatus for treatment and diagnosis. In trying to find a way to lessen this cost, and to insure 100 percent correct diagnosis, I have been fortunate enough to discover a new application of the electronic radio principle, which eliminates both the cost of diagnosis and the possible errors of incompetent ERA practitioners, and brings this whole matter of the treatment of disease by electronic methods within the reach of every family.

The Electronic Radio Biola

I HAVE named this new discovery, which I believe will be epochal in the history of the treatment of disease, and which I am exclusively announcing in THE GOLDEN AGE prior to its general publication elsewhere, The Electronic Radio Biola, which means life renewed by radio waves or electrons. The Biola automatically diagnoses and treats diseases by the use of the electronic vibrations. The diagnosis is 100 percent correct, rendering better service in

this respect than the most experienced diagnostician, and without any attending cost.

This little instrument automatically measures the body energy, its power of resistance to disease and, if disease exists or if the energy of the body is below par, corrects it. This is done by radio vibration, which makes the human body its own dynamizer, or anti-toxin manufacturer. It restores underbalance in diseased tissues, accomplishing the work gradually. The "balance" in the life cells is completely restored.

The operation of the Biola is such that it discovers and locates disease processes in their very beginning, before great damage has been done, rearranges the electrons and the body equilibrium, and enables nature to restore the organs or parts to normal.

The Biola Wave Trap

THE principle of operation of the Biola is the collection, in suitable media (the result of twenty-eight years' actual experience in the practice of regular medicine) of the disease vibrations, if any, which have become set up in one's body. The fluid containing the same waves or vibrations enters the body, meets the disease waves and destroys them. The Biola is constructive, the wave trap containing the essential elements needed by the body to recreate and reconstruct the broken-down tissues or cells. This is a great step forward, marking the Biola as the most valuable treatment apparatus obtainable today, and well worthy of notice in the columns of a magazine like THE GOLDEN AGE, which looks forward to perfect days ahead.

In the operation of the Biola the patient's body is the motive power; and the vibrations coming from the earth, harnessed to the body, tunes in to every disease, no matter how small or how great, automatically carries them into the Biola, or radio wave trap, where they are registered, measured and held, and can be returned to the patient at will and used to destroy the very disease that produced them.

A proof that the Biola must be 100 percent correct in its diagnoses is seen in the fact that an ordinary radio receiving set (comparable to one's body) is governed by the antenna, which collects from the vibrations coming through the air or through the ground. The antenna, when connected to radio set, and properly tuned, will reproduce a single instrument or an entire or-

chestra, thus corresponding to a single disease or several diseases from which one may be suffering.

In operation, the Biola is attached to a ground wire, a radiator, from the heating system, or the like, which is in turn attached to the patient's body. The radio vibrations, carried by the electro magnetic earth currents, automatically vibrate in unison with each and every disease vibration in the body, be they few or many, carrying them into the Biola and storing them up for use at will.

The Biola radio wave trap uses water as a medium for catching these disease vibrations; but water being a poor conductor, its conductivity is increased by the addition of the elements heretofore referred to, which not only increase the conductivity, but in addition absorb and hold the vibrations, and also impart to the tissues and organs the medicines or elements nature requires to reconstruct the parts broken down by the disease. Thus the Biola not only provides the Electronic vibrations to destroy the disease, but at one and the same time furnishes the body with the proper material with which to rebuild itself.

Biola an Automatic Antitoxin

ONE of the greatest achievements of modern medicines is the discovery and production of antitoxin for Diphtheria. Formerly ninety percent of the children attacked by the dreadful disease died; but since antitoxin has been used, this has been reversed and now ninety percent who have diphtheria recover.

Antitoxin is produced by inoculating a healthy horse with a small amount of diphtheria disease

germs. This produces a light attack of diphtheria in the animal. After he recovers, he is again given a stronger dose of germs; and this is continued until he finally becomes immune to diphtheria, and can have sufficient germs of the disease injected into him to cause the death of an entire regiment of soldiers. Then a vein in his neck is tapped; and a gallon or more of his blood is drawn off, sterilized, properly handled; and a small quantity is injected into the child when it has diphtheria, with the result that a cure is effected promptly.

This is identically the method of the electronic radio Biola, with the exception that instead of introducing the dead disease germs into the system, the Biola takes from the body the disease waves (antitoxin) and returns them into the system, where they meet and destroy the conditions that produced them.

In conclusion, the Biola is unquestionably a wonderful addition to the science of medicine, some of its greatest advantages being:

1. It can be used by the individual himself;
2. It can be used singly or in connection with any or all other methods of healing;
3. It is constructive from the beginning of the treatment;
4. It is so simple in its operation that every one can use it;
5. And, lastly, its price brings it within the reach of every family, even those in the poorest circumstances.

These things in themselves furnish undoubted evidence that we are entering the Golden Age, so longed for by all of earth's inhabitants, where each will have his heart's desire for life, liberty and happiness under perfect conditions.

Recipe to Preserve Children's Lives

THE following recipe appeared in a recent Health Bulletin and was written by a Miss Williamson:

Take one large grassy field, one-half dozen children, two or three small dogs, a pinch of brook and some pebbles. Mix the children and dogs well together and put them into the field, stirring constantly. Pour the brook over the pebbles; sprinkle the field with flowers; spread over all a deep blue sky, and bake in the hot

sun. When brown, remove and set to cool in a bathtub.

Deaths on Stairways

DURING the year 1924 more than 14,800 people in the United States lost their lives through falls on stairways. About eighty-five percent of these accidents occurred because of ice, snow water or poor lighting, all of which were therefore preventable.

Happenings in Every Clime

[Radiocast, with other items, from Watchtower WBBR on a wave length of 272.6 meters, by the Editor]

Porto Ricans Kept in Poverty

IN A memorial to Congress Senator Iglesias of Porto Rico declares that American corporations have driven the people to pauperism by avoiding the payment of a just share of the taxes, and taxing sixty percent of the wealth away in a steady stream. He declares that there is an enormous oversupply of labor which is slowly but surely starving.

To Study the Sargasso Sea

THE steamship Arcturus is now engaged in a thirteen-thousand-mile cruise in which it will undertake to explore the Sargasso Sea, wherein are said to be octopuses a hundred feet in diameter, capable of carrying down a small ship, as well as many marvelous fishes, some of them equipped with headlights of red or green or yellow, almost as brilliant as the searchlights on the Albany night-boats, if that isn't putting it too strong. Elaborate apparatus is being taken along wherewith to study the electrical apparatus of these wonderful illuminated and illuminating fishes.

Spain's Loss of Fifteen Men

THE Chicago *Tribune* contains a despatch from its correspondent in Morocco in which the correspondent declares that with his own eyes he counted on one small portion of the battlefield the bodies of 234 young men in the engagement in which the Spanish Government officially announced the loss of but fifteen men. During the day he saw enough more bodies to convince him that the total losses were not less than 3500 men and may have been 4000. The sky was black with vultures; the stench intolerable. He reiterates over and over again Spain's claim that the total loss was fifteen men. In the face of this, how can anybody with any sense believe anything that emanates from any Spanish official source?

The Peak of Civilization

AT THE peak of civilization, i. e., Great Britain before the World War, out of every nine men three were physically fit, two were in poor health, three were physical wrecks, and one was a chronic invalid. It is evident that men have much to learn about what to eat and how

to live before they can really enjoy life or be useful to their fellows.

Britain's Submarine Warship

GREAT Britain has completed the largest submarine in the world, measuring 350 feet in length. This vessel is so large that it is practically a cruiser. It has an armament of five five-inch guns. A similar vessel, slightly smaller, has recently returned to Britain after a 20,000 mile cruise.

The Father of Railways

THE real father of railways was Richard Trevethick, of England, who lost control of his steam carriage in 1802, while traveling along the public highways at the frightful speed of ten miles per hour. British laws compelled his successors to place their steam carriages on rails, so that no more palings would be ripped from the fences. That is how we came to have locomotives traveling on rails instead of without them. Now we have both kinds.

Herriot Stands for Liberty

IN A ringing speech in the French Chamber of Deputies Premier Herriot, after condemning the Papacy for its frequently manifested pro-German and anti-French attitude, and in his argument on behalf of withdrawal of the French representative at the Vatican, said: "We have nothing to lose; it could be no worse. We are religious liberals; there is one policy, the policy of liberty and independence from the Vatican! Every nation is free, and we do not have to receive orders from the Pope." The Premier's stand was approved, including his consent that the provinces of Alsace-Lorraine might be allowed a representative at Rome.

Will France Repudiate Her Debts?

IN A great speech at Washington, Senator Borah stated bluntly that it looks as if France is planning to repudiate her debt to the American people. In settling with Britain the United States voluntarily surrendered the stupendous sum of \$3,800,935,000. France would be treated as well; but apparently, after having her life as a nation saved and after receiving accessions of 402,392 square miles inhabited by

4,000,000 people, she is unable to see any reason for repaying or trying to repay her benefactors. But she seems to have all the money she wants for military purposes.

France Denies Debt Repudiation

STUNG by the Borah statement that France was on the verge of repudiating her debt to the United States, and facing the immediate need of another \$100,000,000 loan, the French Government has officially stated that no debt repudiation is intended, but that delay is hoped for until such time as the franc may have risen in value, thus reducing the net payment.

Spends a Lifetime in Vain

A FRENCH lover of art, M. Joussaume, spent a lifetime collecting paintings by Corot, Diaz, Delacroix and Daubigny, leaving instructions in his will that his precious works of art should be preserved under glass. It now appears that every one of these is a forgery of the most shameless sort; and that the poor man, who knew no better, was deceived into parting with his fortune all to no purpose.

Signs of Sanity in Paris

A DESPATCH from Paris reports that the ladies there, upon whom the good women of other lands depend for their styles, have decided to drop cigarette smoking, the use of slang, hard hats, and barbaric jewelry, and to leave off at least some of the paint which now makes some women look like a revolving barbers' pole. Here is hoping that these fashions may spread to the ends of the earth.

Strangest Winter in a Century

NORWAY and Sweden have had a phenomenally mild Winter, one in which there has been almost no snow. In America the snowfall was the largest in many years and remained for weeks without a break, suddenly turning into Spring a month earlier than usual. Countries such as Arabia and Mesopotamia, which usually have mild winters, have had a hard one.

The Second Highest Structure

AT THE moment, the second highest structure in the world is the main mast of the radio station in Berlin from which news despatches

are sent out to newspapers all over Germany. The mast is 836 feet high, with two side masts each 690 feet high. The Eiffel Tower is the only structure of greater height yet constructed.

International Airlines

THE United States has one airline in operation; namely, the transcontinental air mail. Belgium has one line; Russia has one line. Australia has two lines, Holland has three lines, Great Britain has five lines, France has ten lines, and Germany has fifteen lines. Virtually all the important German cities are interconnected by air.

Opium Conference a Fiasco

THE American delegation to the Geneva opium conference came away victors. They left in disgust and with indignation because it was plainly apparent that the governments involved had no intention whatever of restricting the growth of the poppy to the opium needed for medicinal purposes. The net outcome of the conference is that Britain, France, Japan, Holland, India, Portugal, and Siam will now go into the opium business direct.

Another Armament Conference Needed

THE London *Daily Express* declares that virtually all that was accomplished at the Washington armament conference has been nullified, by reason of the fact that France is about to build a new type of battle cruiser, really a light battleship, that would render obsolete the 10,000 ton cruisers allowed by the Washington treaty. The *Express* predicts a world scramble to build the new type. An agreement among hyenas does not change the fact that they are hyenas.

The Hell of War

IDA M. TARBELL, writing on behalf of the Near East Relief, aptly says that nothing in the tragic and terrible decade that we have just passed through is so terrible, pitiful, and unjust, as that which it has done to the children of so many different countries. That these helpless millions should know nothing of life but hunger and cold and misery, that there should be nothing to show them that there are such things in the world as justice and gentleness

and love. It turns one's heart cold to think of such conditions!

Czecho-Slovakia's Fight for Liberty

PRESIDENT Masaryk of Czecho-Slovakia, in a speech on New Year's Day advocated complete separation of church and state, asserting that this would be good for both the church and the state, compelling the clergy to give more attention to spiritual matters and less to interfering with mundane affairs.

Great Distress in Vienna

DURING the month of January 149 persons committed suicide in Vienna, which is more than three times the previous large monthly average of about forty. The distress prevailing throughout the city is the cause. Similar conditions have been prevalent in Berlin, where 100 suicides per month has been the average for a long time.

The Foreign Loan Exposures

IN A series of articles the New York *American* has presented the evidence that after the World War was over, President Wilson was responsible for the loan of hundreds of millions of dollars to the former allies of the United States, without any authority to do so ever having been granted. Italy alone received \$455,500,000 of these illegal funds. Mr. Wilson had the least regard for law of any man who ever sat in the presidential chair.

Italy May Have New Style Railroad

ITALY is considering the building of a new style of ultra-rapid triangle railroad connecting Milan, Turin and Genoa. The road, if built, will have no grade crossings, and will be constructed with the design and intent of operating trains at the rate of 120 miles per hour. A government commission is now studying the problems involved.

About to Assume Great Authority

MR. ROBERT SENCOURT, in an article in the December issue of the "Atlantic Monthly", says of the Vatican that "it is now about to assume political office of greater weight and authority than anything the world has ever more than dreamed". Without doubt the next

year is expected by friends of the Papacy to be one of greatest triumph. Perhaps! Perhaps!

Fifty Thousand Jewish Immigrants

SINCE the World War, and the establishment of Great Britain's mandate over Palestine, over fifty thousand Jewish immigrants have entered the country and have been absorbed into its industries. One of the principal industries thus far engaged in is the raising of tobacco. Malaria, once Palestine's chief scourge, has been wiped out by a wise expenditure of \$575,000.

Tower of David Brought to Light

EXCAVATIONS in Jerusalem have brought to light the ancient and beautiful Tower of David, of which the Scriptures have much to say. The tower has a clean surface of white limestone, and is said to be now visible from every part of the city. The Palestine government has declared the Tower a national monument and is having it restored.

India Hits Back at America

INDIA hits back at America, Australia and New Zealand by declaring in a bill adopted by the Legislative Assembly, by a vote of 49 to 41, that any country which excludes natives of India as an inferior race is itself an inferior race and is not wanted in India. Antipathy to the whites is gradually growing among all the dark-skinned races.

Stairway to Solomon's Temple

IN MAKING repairs to the Mosque of Omar a stairway has been discovered which archaeologists believe may be the remains of the stairway which once led up into Solomon's Temple. It is quite possible that this may be true. Solomon's Temple was built in the year 1028 B. C. Its exact site has long been in doubt.

Bobbed Hair Causes Unemployment

IN TWO years' time the fashion of having the hair bobbed has caused the destruction of the hair-net business, with the result that in one district in China sixteen thousand women who were formerly busily occupied in that industry are now out of work. Chinese high standards of honesty are reported as gradually coming down to the standards of the West.

Everything for the Best *By Z. Irene Davis*

A STORY is told of one of the Sages of the Talmud, Nahum, the man of Gamzu, so named, it is said, because that no matter what misfortune came to his lot, he invariably proclaimed *Gam zu le-tovah*: "This also is for the best."

Once, the story goes, that Rabbi Akiba was driven out of his land and made a wanderer and a fugitive in foreign parts, because of persecution. All he had left was a lamp which he used to light at night in order to study the Law, a cock which served to announce to him the rising dawn, and a beast of burden on which he rode.

The sun was slowly sinking in the west, the darkness was beginning to fall, and the poor wayfarer knew not any place of shelter or rest, although he was nearly exhausted. Therefore when he at last saw the lights of a village shining in the distance, he felt glad, and hastened in order to procure for himself a night's lodging. He was thankful to find it inhabited, when at last he came to the outskirts, and thought of the humanity and compassion that awaited him. But to his disappointment he discovered that he was mistaken. He was refused even a night's lodging. They compelled him to seek for shelter and rest in a near-by forest.

"It is hard, very hard," said he, "not to find a hospitable roof to protect me against the inclemency of the weather. But God is just, and whatever He does is for the best." He sat down under a tree, lighted his lamp and began to study the Law. He had hardly read a chapter when a violent storm put out his light. "What!" he exclaimed, "must I not be permitted even to pursue my favorite study? But God is just, and whatever He does is for the best."

Straightening himself at full length on the ground, he sought, if it were possible, to obtain a few hours' sleep. Hardly had he closed his

eyes when a hungry wolf prowled up, leaped upon his cock, and killed the fowl.

"What new misfortune is this?" cried the surprised Akiba. "My vigilant companion is gone. Who will henceforth awaken me to the study of the Law? But God is just. He knew best what is good for us poor mortals."

Hardly had he finished the sentence, when a roaring lion sprang toward his beast and devoured the poor animal. "What is to be done now?" the lonely wanderer asked himself. "My beast and my cock are gone; all is gone. But praised be the Lord, whatever He does is for the best."

That night he did not sleep; and at an early morning hour he started to the village, to see whether he could get some beast of burden to help him on in his journey. But what was his surprise not to find a single individual alive! It seems that a band of thieves had entered the village during the night, murdered its inhabitants, and pillaged their houses.

As soon as Akiba had recovered from the amazement into which this remarkable occurrence had thrown him, he lifted his voice and exclaimed: "Thou great God of Abraham, Isaac and Jacob, now I know by experience that poor mortal men are short-sighted and blind, often considering as evils what is intended for their preservation. But Thou alone are just and kind and merciful. Had not the hard-hearted people driven me by their inhospitality from the village, I should assuredly have shared their fate! Had not the wind extinguished my lamp, the robbers would have been drawn to the spot, and have murdered me! I perceive, also, that it was Thy mercy which deprived me of my two companions, that they might not by their noise give notice to the robbers of my whereabouts. Praised then be Thy name for ever and ever."

The Anthem of the Flowers *By Rebecca Fair Doney*

ALmighty JEHOVAH, we adore Thee! Thou who studded the earth with our beautiful faces. Decked in all the colors of the glorious rainbow, we glow with tender radiance in the soft moonlight, or unfold in a thousand brilliant hues 'neath the sun. We carpet the hillsides;

we riot in the meadows. We fill with fragrance and beauty the dim aisles of the forest. The waters lovingly reflect our sweet faces; and the snow proudly wears us as gems on her bosom.

We rejoice in our loveliness. We rejoice in

our mission to delight the eyes of men, and to lift their hearts up to Thee in worship and adoration.

O Jehovah, our Creator, if all the glory and beauty of our tiny faces is but an infinitesimal reflection of Thee, what must Thou Thyself be, in all the glory and beauty of Thy person!

And what must be the rapture, not only of those who behold Thee, but of those also who shall yet have the glorious privilege not only to look upon Thee, but to become like Thee! As they fall before Thee in praise and worship, we, too, lift our thousand faces up to Thee in silent adoration. Jehovah, we adore Thee!

Interesting Items from Canada *By Our Canadian Correspondent.*

“A CRAZE for thick woolen shirts is spreading like wildfire among college and high school lads the country over. Colors are gaudy, such as red and black checker-boards. The idea seems to be to imitate the mackinaw coats of lumberjacks.”

So says the Vancouver *Sun*, and calls attention to this interesting item as a hopeful sign that the jazz era of “sheiks” and “lounge-lizards” may be passing, to give place to a virile and manly age.

The Toronto *Daily Star* publishes a letter from an excited correspondent complaining that the local Young Men’s Christian Association is handled by grey-haired ancients, and that the majority of the men who frequent the building are aged ones, also. This he characterizes as a menace.

No doubt the “sheiks” are not much interested in the activities of the Y. M. C. A., which by its wholesale participation in worldly matters and forms of amusement has forfeited its right to the title “Christian”; and they find their amusement in the corner pool-room and dance hall. Many a habitu  of these places can testify that he learned to shoot pool in the church basement, and was graduated through the Y. M. C. A. to the pool-hall of doubtful reputation. We sincerely hope that the *Sun* is right; and that our young manhood is awakening to the need of a cleaner and saner viewpoint, though it is doubtful if checker-board shirts are a good sign.

A striking address was recently delivered in Toronto by Miss Agnes McPhail, a member of the Dominion Parliament, who for a long time could not obtain a hall in which to speak, owing to the veto of the “city fathers”, and subsequent fear of the owners of available halls. Her subject, “The School and Peace,” was a striking arraignment of war and war-makers, as well as the war teachers, those whose only idea of patriotism is death and bloody battlefields.

As reported by the Toronto *Daily Star* her speech was filled with pungent criticism:

“Miss McPhail was grieved to find that the three great institutions, the school, the church, and the state, were arrayed against progress and light in this matter. She was in agreement with the English cynic who said that he had only once heard of a bishop who had opposed a war, and that was a war to end slave traffic.

“We call ourselves brave, but the only brave thing we do is because of our stupidity. We are stupid because we can’t distinguish between the youth who died and the thing that killed them. Because we honor our dead we honor war, and so perpetuate the lie.’ She read from a Canadian school history which said: ‘The part played by Canada was full of glory.’ ‘Glory!’ cried Miss McPhail scornfully. ‘Glory! Full of bravery, yes. Full of misery, yes. Full of glory, no!’”

Miss McPhail was a staunch opposer of the vote of \$450,000 last session, for cadet training. “I am in favor of large sums for physical development, but not one cent for training that glorifies bloodshed,” she said.

Recently the city of Edmonton expended \$5,000 for 600 cadet uniforms, money provided by the Department of Militia and Defense for that purpose. A considerable amount of opposition was aroused among the trustees who deprecated the military training now being given in the schools. The director of the cadet work, however, Major Kennedy, explained that no real military training was given to the boys, hence the need of uniforms. The argument is somewhat obscure, but is evidently quite lucid to the editor of the Edmonton *Journal*, which reports the occurrence.

The press reports a recent discovery of great interest to dentists and their legion of victims. Research work carried on in the laboratories of the University of Toronto has resulted in the discovery of a copper amalgam filling for the root canals of teeth, which has a permanent germicidal effect. You can now keep your teeth

until the righteous law, "Nothing shall hurt nor destroy," is permanently in effect.

The Lord's Day Alliance, a self-appointed body of clerics, et al., dedicated to the work of making life miserable for everybody on Sunday, has just lost its appeal to the Privy Council against the running of Sunday trains in Manitoba to the lake shore, and for the benefit of "week ending" holiday seekers. The Alliance is fearful, according to a Canadian Press cable report of the General Secretary's statement, that Manitoba is now outside the jurisdiction of the Lord's Day Act. In other words, the clerk and mechanic can now go and take a swim on Sunday, much to the disgust of those who tacitly sanction the playing of golf and joy-riding by the wealthier sections of the population.

The Vancouver *Daily Province* scathingly comments on the action of the British Columbia Premier who "wept as he cast his vote for beer by the glass". This further issue in the stormy and liquorish life of that Province has arisen over the avowed intention of the brewery interests to bring back a more general sale of strong beer. They have succeeded, and are consequently jubilant. The Government in the meantime weeps because it can not stem the beer flood; and "the Premier admits that he can not face the lobby pressure that a year's delay would involve". British Columbia now candidly admits that the last vestige of popular government has faded away, and the "liquor ring" controls the destiny of the Province.

Ontario voters received a rude shock also, when the Premier, in spite of the large majority vote polled for the retention of the Ontario Temperance Act, brought in, in the recently delivered speech from the throne, amendments to the existing legislation to permit of beer of almost double the present alcoholic content to be sold. Traitor and renegade are among the most polite expressions of a large section of the public, but readers of THE GOLDEN AGE will remember that your correspondent prophesied a return of booze before last Christmas. He hardly expected, however, to see this prophecy fulfilled *in spite of* the mandate of the people. Law makers in Canada are rapidly taking the course of law breakers to gain their own ends.

The world wheat shortage is rapidly bringing a crisis in Canadian wheat circles. Operators are surprised at the smallness of the wheat

shipments in view of the high prices recently prevailing and the amount of business turned over, on paper. It is beginning to look as though there was an actual shortage of supplies to fill the large orders being placed.

Russia, once considered the greatest rival of the Canadian wheat farmers in the European market, is now one of our best customers. In the past few months orders have been placed totaling almost two million barrels of flour, which will utilize about nine million bushels of wheat, and which involve a price of around sixteen million dollars. It means busy flour mills in Canada, but will no doubt also mean higher bread prices.

The Canadian farmer is somewhat cheered at the thought of high prices continuing for a longer period than usual; but, as usual, the speculator and grain operator will garner the cream of the price harvest. Most farmers are so heavily indebted to the various financial corporations that they are not allowed to hold their grain for top price, but must sell on a flooded market at low prices so that the banks and financial corporations can gain their unearned increment.

The Vancouver *Sun* headlines a news item, "Hell Fire in Discard Now":

"Dogmas introduced into Christianity during medieval times must be discarded and the Christian creed restated in terms comprehensible by moderns," stated Rev. Dr. C. H. Shortt, warden of the Anglican Theological College. 'Few people today believe in an everlasting hell fire for mankind.' 'Consciousness of sonship in God through Jesus Christ,' was his definition of Christianity. 'As men increased in their capacity for understanding, it was possible to make a fuller and perhaps a full revelation of God in Christ.'"

A few more candid utterances of this kind by responsible representatives of the denominational churches; and the first thing we know they will be preaching the true gospel of the kingdom and the times of restitution.

Pursuant to the policy of keeping the people of Canada advised of her financial standing as stated through the most authoritative channels, we publish a review of the Government financial statement as issued by the *Monetary Times* of January 16th, 1925:

"FURTHER INCREASE IN CANADA'S NET DEBT.—December Reports Show Six Million Advance in Net Debt.—Also Higher Than Last Year.—Gross Debt and Active Assets Decline.

"Another advance in the net debt of the Dominion of Canada was recorded during the month of December; the net debt at the end of the month being six million higher than the previous month, and two million in advance of December, 1923. This compares with an increase of \$896,676 in the net debt during December, 1923. On the other hand, there was a decline of fifty-one million in the gross debt during December, and active assets were also lower by fifty-six million in comparison with November.

"December revenue, which totaled \$23,709,196, was two million lower than the November results, and five million below the December, 1923, total. For the nine months ending December 31, total revenue fell off by forty-four million in comparison with the corresponding period of the previous year.

"There was a considerable decrease in the December expenditures in comparison with November. December expenditures, which totaled \$28,539,470, are fifty per cent lower than the November expenditures. For the nine months' period the expenditures are down by two million."

In the January 30th issue of the same journal is a special article calling attention to the Taxation problem of the Dominion Government. Under the heading, "Tax Reduction Arguments Deceived Government," the following statements are made:

"In so far as taxation is concerned, it may be taken for granted that there will be few experiments as long as business conditions remain depressed. . . . Last year the Government reduced taxation in the sales tax by \$24,000,000 hoping that increased business would make up for the decrease, but our expectations will not be realized. . . . The indications are that on the whole fiscal year revenue will be down between \$55,000,000 and \$60,000,000."

In its issue of January 16th, reporting the meeting of shareholders of the Union Bank of Canada in Winnipeg, it quotes from the address of Mr. W. R. Allan, President:

"Taxation in Canada requires anxious thought. Federal and municipal taxes with, in some cases, provincial additions, have become so onerous as to stifle business and discourage effort. The total taxes paid by this bank in the past year amounted to \$441,497.77."

The Saskatoon *Phoenix* joins in the chorus with an editorial comment:

"In round numbers the expenditures of the Dominion of Canada for the current fiscal year ending March 31, 1925, will be \$400,000,000. Of this sum about \$134,000,000 is needed to pay interest on the public debt. Approximately \$58,000,000 is included under the head 'railways and canals chargeable to income', most of the

money going to the Canadian National Railway in the form of loans. Soldiers' pensions for the year, \$33,000,000, while Soldiers' Settlement and Re-establishment will consume about \$16,000,000 more.

"To pay debt charges, to maintain the Canadian National Railways, and to look after returned soldiers takes sixty per cent of the revenue collected from Canadian tax payers. . . . Canadians can not hope for spectacular tax reductions in the near future."

"McLean's Magazine" gives some striking comparative figures of Canadian and American Income Tax rates. The figures are for a married man with no dependents:

Income	Can. Tax	U. S. Tax
\$ 3,000.00	\$ 40.00	\$ 7.50
4,000.00	80.00	22.50
5,000.00	126.00	37.50
6,000.00	178.50	57.50
10,000.00	619.50	207.50
20,000.00	2,089.50	1,017.50
50,000.00	9,649.50	6,137.50
100,000.00	32,749.50	22,617.50
1,000,000.00	696,349.50	429,617.50

"In Great Britain since 1921-22 (the peak year) income tax rate has been cut 25% with only a 15% decrease in receipts resulting. Canada has experienced a 31% decrease in Federal income tax receipts in the same period—with no decrease in rate."

The answer seems to be quite obvious. Canada is not prosperous.

The *Family Herald & Weekly Star* publishes the Dominion Bureau of Statistics report on employment, showing that in January 5,813 employers decreased their payrolls by 57,227 persons:

"The trend of employment in all industries except coal mining was generally unfavorable. Manufacturing, construction and transportation showed important contractions."

The *Moose Jaw Evening Times*, featuring an article from the pen of Hon. David Lloyd George, former British Prime Minister, brings to light that statesman's viewpoint on world conditions:

"Afterwar Crusade to Improve World Conditions Has Now Collapsed."

"The deepest impression left on my mind by 1924 is of a world once more reconciled to black. The iridescent colors of a new hope flung on the sky by the Great War after becoming year by year fainter and more mildewed with the unfavorable weather that followed peace, seem finally to have faded away altogether during this year, and a dull grey hangs over the earth.

"Strikes multiplied beyond all previous records. During the years that followed peace the number of days lost in industrial strife was double and treble what it was before the war. . . . For the time being, disillusionment is the prevalent feeling amongst the idealists of all classes and in all lands. There is a temporary collapse everywhere of the desire to struggle upward. . . . This mood will not last long."

We hope not; for this is largely the state of mind of Canada, in common with Europe. The

weight of circumstances is crushing the life and hope out of the people. Political appeals to "remember our great heritage", and so forth, arouse no interest among the mass of a people thoroughly convinced that any "heritage" there may be is not the people's, but the exploiting capitalist's. However, the closer to the extremity of our patience we get, the closer also to the bountiful mercy of a God who cares.

What About Card Playing?

WHAT attitude should we, who have turned our faces toward the New Day, take toward the pastime of card-playing? Of course we ourselves want no such pastime; for time does not hang heavily on our minds. The unlimited storehouse of knowledge opened before us, and the wonderful privilege of assisting others into this storehouse fills our time.

But what about our children? Should we encourage or discourage card-playing among them?

I had the not uncommon experience of having one parent of each kind—one mindful of spiritual interests, the other dead to these. My mother, who aimed to get away from the control of the "prince of this world", advised against card-playing and would not permit it in our home. She said that it had some connection with the devil, but could not explain just how. Father laughed at this, and said that her idea was narrow.

Some of the children accepted Mother's view, and some chose Father's as they grew up. I took Mother's view, and was never found in company with card-players. Neither do I want my children to develop an interest in cards. Of course I am considered "narrow". Card-playing is foremost on the list of entertainments in this section. Church people and even religious people sit around the card table.

One day I went to the library to look up the history of cards, and found that they are of ancient, eastern, pagan origin. There is no mention of them in connection with the Jews, while in God's favor.

Cards appeared in Europe at the end of the 14th century for the amusement of the kings at first. The French clergy took to them greatly till forbidden by a synod in 1404.

By Mrs. Theo. Hoben

The pictures on the cards have been changed often, from kings and queens to popish plots and, after the French Revolution, to republican reminders as Washington, Adams, Franklin, La Fayette, and Indian chiefs, and back to kings and queens again.

Great sums of money are spent each year to make the cards, and much more money is spent to buy them, in spite of hard times.

Many a fortune has been ruined by means of cards and many a heart broken. We have heard of card enthusiasm that amounts to lunacy. From the Nordic countries come stories of such prolonged card-playing as brought forth the scarlet-clothed, horn-headed, long-tailed Old Scratch himself from beneath the chairs of the players.

Many times the law has tried with its strong hand to put down this pastime, but then it would be indulged in secretly. Today this amusement is so enchanting that mothers forget their home duties, and fathers their debts, to spend time, energy, and money at the fashionable card-party.

And the result?

Is it a greater intelligence, a thirst for true knowledge and increased sense of duty, a greater desire for right, more love for your fellow man? Is there one good point in favor of this amusement?

With these facts—and many others—before us, it seems that the vari-colored card is akin to occultism and should be shunned even as the ouija board and the séance.

Erratum

GOLDEN AGE No. 139, page 232, first column, 11th line, should read fifty years ago, instead of fifteen years ago.

Co-operation the World Over

In Central Europe

LIKE Italy, Germany was making tremendous progress toward coöperation, but the necessities of the case have compelled the government to levy such heavy taxes on all available sources of revenue that the movement has been greatly handicapped.

Before the war the coöperatives had millions of dollars in reserves, but through inflation of the currency and by means of taxation these have been much reduced or have vanished. And yet, with all these obstacles in the way, Germany reported an increase of 2,406 coöperative societies during the one year of 1922. It is estimated that one-fourth of the homes of Germany are attached to the coöperative movement.

What people can do in the way of coöperation when they are forced to it, was illustrated in Austria, during the last two or three years, where thousands of comfortable homes were built at an average cost of \$1,200 for a five-room house.

The way in which this was done was as follows: The Coöperative Society advanced funds or labor to the amount of 30 percent of the project. The home-builder contributed a certain amount each month in money and a total of 2,000 hours of work in spare time, Saturday afternoons and holidays. In addition, the municipality advanced loans at five percent to aid in the purchase of materials.

Coöperation is spreading in Jugoslavia, and in Hungary it is estimated that almost half the people are served coöperatively. In the latter country the state takes an active interest in the movement.

In Eastern Europe

IN WARSAW, Poland, a congress of Polish coöperatives was recently held at which delegates from 519 associations were present.

In Latvia there are 2,000 coöperative societies, 663 of them formed within the last year.

In Russia there are 16,667 agricultural coöperative societies, representing two and one-half million farms. In Russia, coöperation is only twenty-five years old, but it may well be considered the backbone of the entire business structure. It is the one thing that came out of the war stronger than it went in.

In Moscow the Central Coöperative operates bakeries, restaurants, and stores of all kinds,

libraries, schools, and homes for the children of its employés. Outside the city it has seventy-three big farms, which supply its members with all the necessities and comforts which can be produced by up-to-date agriculture.

Palestine, next to Denmark and Switzerland, is setting a world pace in coöperation. The basic idea of the Jewish commonwealth is coöperation. Even the roads are built coöperatively.

In India during the past year thirty-one coöperative anti-malarial societies were organized, with an immediate favorable effect upon the health of the district.

The coöperative movement is spreading in China.

In the Southern Hemisphere

NEW ZEALAND has had a coöperative system of public works for thirty-two years. When highways or railroads are to be built they are divided into sections, the proper cost of each section is carefully estimated, and the option of doing that section is offered to a party of men. If they accept the offer they become the contractors for that section, and as they do all the work they receive all the pay.

The men divide the money among themselves in accordance with the time worked. They have the power to vote any man out of the company who does not play fair. The materials of construction are provided by the government at cost. This is substantially the system employed in Palestine.

Australia has made such progress with coöperation that it is estimated that one-fifth of all families in the commonwealth participate. There is a great coöperative bank, the Commonwealth Bank of Australia, which has conferred benefits upon the Australian people greater than can be expressed in figures. There is at Adelaide, South Australia, a coöperative society which does a business of about \$2,000,000 per year.

In Africa there is some development along coöperative lines, one of which is a coöperative store at Damietta, Egypt, which has been in operation for five years. In South Africa the government has been trying, with some success, to persuade the farmers to adopt the coöperative methods which have been used so successfully in Europe.

Coöperation is spreading in Argentina. In Brazil the government offered a subsidy and free transportation to encourage the formation of coöperative societies. There are 309 coöperative colonies among the Brazilian fishermen alone.

Potassium—The Elixir of Youth *By H. Silbaway.*

IN A superstitious age of the past men sought for a fabled fountain of youth, whose waters would banish age and decay. Later, as it became evident that no such fountain existed, attention was turned to the chemical field in the hope that a magic elixir would ultimately be found that would unharness age from the human frame. No doubt these delusive ideas owed their inception to the testimony of the Scriptures that death and old age would not forever curse the race.

There is, indeed, a fountain of life in near preparation for mankind; and when it is ready, all who will may drink of its waters freely. In connection with it, and as a part of it, there is also an "elixir of youth". In a former article we identified this as potassium, one of the fifteen chemical elements of which the human body is composed. During the ages past the human system has experienced a shortage of this element which, together with other abnormal influences, has held the race in bondage to decay and death.

It is radically impossible for a hurtful excess of potassium to be assimilated into the system. The question is how to get enough of it in sufficient quantities, even for perfect health. Most people suffer a woeful lack of this element in their systems, usually combined also with other elementary deficiencies, thereby producing a proneness to disease.

If we strip cogs from a machine gear, the machine will not operate right; and if we take away one of these gears entirely, the machine will not operate at all. And so it is with the human body; for if any vital food element is insufficiently supplied diseased conditions will finally set up in the system, and if one of these is entirely withheld, then death will speedily ensue when the supply in the system is exhausted. The average diet of most people is very short in practically half of the necessary elements for the sustaining of the human body, and the wonder is that even a semblance of health persists at all.

On the other hand, the food used may be rich in every needed element, and yet the system may suffer impoverishment through the lack of some of the most vital of these. This is due to the fact that in a large percentage of the foods these elements are in an inert form unavailable for assimilation without a solvent combination. Thus a knowledge of food solvents is a necessary part of health instruction.

Most foods contain potassium in its inert form, which is largely unavailable for assimilation unless combined with its solvent principle. Only in acid fruits is potassium found in its free form; but these fruits are in themselves an insufficient source of supply, so that it must be made up from its inert storage in other foods. Happily, fruit acids are the solvent principle of inert potassium; but, for the proper results, these fruits must be eaten in connection with the inert supply. Fruits eaten on an empty stomach will not act as a solvent for the next meal.

Not only is potassium in combination with magnesium the chief support of the neutralization and excretion of poison wastes, but these elements are also the chief factors in the building of the soft tissues. It is potassium that preserves the softness and pliancy of these tissues through its cleansing and solvent principles.

A radical lack of this element in the system is productive of digestive disorders, colds, hardening of the arteries, etc. When this lack is combined with an excessive use of table salt, the foundation is laid for piles and cancer. Common colds are a sure index of potassium lack; for they cannot occur unless this lack exists, if the diet otherwise is normally balanced. Colds are produced by a condition of accumulated poisonous wastes in the system. While exposure will precipitate a cold where the foundation exists, it is not the cause, as is generally supposed.

Poison wastes in the system are the foundation of all germ disease. It is in this waste that all disease germs breed. Internal and external

cleanliness is a sure immunity from every form of germ disease. We might also fitly add, from all disease of whatever character, as this reducing of the body wastes to the minimum, in which they can be excreted as fast as produced, can be done only through a scientifically balanced diet which in itself insures freedom from disease.

With such a diet, under otherwise normal living conditions, there does not appear to be a shadow of doubt but that with an abundance of free potassium in the system age-hardening can not take place. The very fineness of the human organism, which in this respect is far removed from the very highest orders of the lower animal creation, seems positively to guarantee this. That some will be skeptical on this point is to be expected, as many are unable to consider seriously an undemonstrated theory.

In the consideration of this question, it must be remembered that the dietetic conditions herein outlined are of a character entirely foreign to the habits of practically every individual of the race. Not only is our most important dietetic knowledge very new, but many of the old accepted health theories have been proved to be not only erroneous, but in some points decidedly harmful. For instance, limited and restricted diets; selection of foods of quick and easy digestion; taboos on water with meals or near meal time; special high protein diets; fasting for health; and a long list of other preconceived ideas of more or less dietetic importance.

It is not only important to know just what to eat, but also the proper combinations in which the various foods should be eaten in order to get the benefit of their full food values. Some foods of merit are condemned by many because ignorant of their proper use. Thus the banana, which in some points is among the most meritorious of the sweet fruits, has many enemies.

If bananas are eaten with the meals in connection with any of the cereal foods, they will not distress the most sensitive digestive organism; but eaten alone on an empty stomach, especially when one is hungry, they will often cause trouble. Nor are they the only food with this digestive peculiarity. The prejudice against them because they are cut green for market has no foundation in respect to food value.

The potential poisons, which most foods contain, have an office to perform. While possibly all their functions may not be known, yet in one

point they seem indispensable. This is in influencing toward a variety in the diet. We all have many times had the experience that a food, once keenly relished, finally loses its attractiveness to the appetite, sometimes even to repugnance.

This is the result of the influence of the natural poisons which the food contains, causing the system to rebel against its overuse. But for these poisons, no food would lose its relish; and the natural disposition would be to confine one's diet to a few simple articles of the most easily obtained foods, to the exclusion of most others.

A wide variety in food is essential to a perfect assimilation, and a perfect state of health can not be built up or maintained without it. Food must also be relished in order to be properly assimilated. If such a variety is maintained in a balanced order, the potential poisons will be neutralized and passed out of the system without harm, and foods will not lose their relish. When a food begins to do this, very evidently it is being used to excess, and its poisons are not being fully neutralized.

Another indispensable office of food poisons is in the maintaining of the sense of food balance. Such a balance can never be successfully maintained by weight and measure. Therefore by nature we have been endowed with this sense of food balance as a guide in food selection in both kind and amount. With most people this sense has been stifled through the use of flesh foods, stimulating and drug foods, and other abnormalities in diet. It can be restored again by any who are willing to right-about-face in dietetic habits.

In later times a long line of dissipating habits have been contracted, to which all in some measure have been in bondage in at least some feature. Chief among these are the tobacco, tea, coffee, and refined food habits. These are the leading dissipations in the sense of being the most general, not that they are the worst in physical effect. They are all bad enough, however.

But why throw stones at the whiskey sot and opiate drug fiend while living ourselves in glass houses? Is dissipated appetite any worse in the one case than in the other? Little wonder the race is fast losing both reason and physical vigor!

Tea and coffee exercise a hardening effect upon the tissues of the body, thereby preventing a free elimination of waste. Their habitual use also weakens the nervous system with a corresponding weakening of the powers of endurance. Resistance to disease is lessened, and there appears to be but little question that the mental functions are also in a measure impaired by their use.

The use of a stimulant in a time of unusual and excessive physical strain will temporarily increase endurance; but its habitual use has a reverse effect. This, however, to the user is delusive; for he feels weak and physically the worse when not under its influence. Tea and coffee are only stimulating drugs without any food value, and their stimulating effects are produced through a mild irritation of the nerve centers.

The food elements most generally used to excess are the starches, proteins and high carbon foods. A discarding of refined foods is a radical start towards the correction of the diet in these respects. Refined sugars, margarins, animal fats, and refined vegetable oil products are

heat producers only, and have no value as tissue builders.

Raw sugars are rich in iron, calcium and potassium, three very necessary elements in the up-keep of the human body. Butter and cream are richest in fluorine of any known food products; and there is no element of more consequence to health than fluorine.

Butter and cream may well take the place of other shortening products. Animal fats clog up the system with excess wastes. This is especially true of pork and lard. The effort in food selection should be to keep the wastes of the body down to a minimum. The softer and more pliant the tissues are kept, the freer will be the elimination of body wastes. This is a matter of great importance.

Flabby flesh may feel soft to the touch; but in reality it is leathery, lacking spring and elasticity. The elastic buoyancy of the tissues can not be preserved under the tanning influence of tea and coffee. With every necessary element supplied in a normal balance in a diet insuring a wealth of free potassium to the system, why should one grow old?

The Umatilla Irrigation Project *By Alice Clinesmith*

IN THE beginning "the earth was without form and void; and darkness was upon the face of the deep." Thus the land comprising the Umatilla Irrigation Project was a vast desert, and lizards and rattlesnakes moved on the burning sand. From the hilltops, look in whatever direction you would, the view was ever the same—miles and miles of barren sand, covered in spots with sagebrush, a sprinkling of bunchgrass here and there, and a generous supply of cactus.

Other forms of life were few in number, all of that color which characterizes the creatures of the desert, a dull gray, and very lively and quick of motion, lest they be devoured by their hungry companions in that never ending search for food. Scarcely a sound could be heard—perhaps at night a lone coyote howling at the moon or barking to his fellow comrades; but in the daytime, only the weak chirp of two or three small feathered creatures that had escaped the clutches of that enemy of all bird life, the great black buzzard, of which they were constantly in

fear. Jack-rabbits were there in large numbers, and could be seen galloping across the hills, or sitting exhausted in the shade of the large sagebrush. The rays of the burning sun beat down mercilessly on these poor, panting creatures, while rain seldom quenched their thirst.

While this still, intensely oppressive heat remained during the Summer months, with the approach of Winter a change came over the scene. Not only was it a change from the scorching sunshine, though the Winter temperature was surely cool enough to compensate for the heat of Summer, but also a change from the drought that had prevailed. Thus for a short space of time the desert aspect of the land became less noticeable, as it lay wrapped in a white blanket of snow.

Into this great, sandy region with hot dry summers and cold, damp winters, came in the year of 1904 a little band of hardy pioneers. These early settlers had many of the characteristics of those daring pioneers who crossed the

great plains in the historic year of '49. They were a hardy people, brave and bold, possessed of a goodly supply of grit, with the will to do and the courage to dare. They came to conquer, determined to subdue the wild region, and to make of it in a few short years a place enjoyable and profitable for the habitation of man.

With this worthy purpose in mind, a great irrigation system was carefully planned and approved by the United States Reclamation Service. This irrigation system was a great undertaking, but those who engaged in the work felt confident that it would be a great success. They could see, in their prophetic imagination, the time in future years when the Project, which includes 36,000 acres of land, would be a great and beautiful garden, with trees, flowers and grass on every hand. To be sure, there were at the beginning of the work a number of desirable features on the Project. With the Oregon-Washington Railway and Navigation Railroad running through the western part, the beautiful Columbia river gliding like a silvery ribbon to the ocean and affording navigation to Portland and Astoria, and the Umatilla river, from which the water was to be taken, the carrying on of the work was made possible.

The plan of the proposed irrigation system was to take the water from the Umatilla river, above the present site of Echo, carry it through a feed-canal twenty-four and one-half miles, and store it in a great reservoir. From the reservoir it was to be conveyed through a system of canals and laterals to the various farm units, where it would be gladly received by the thirsty land.

Work was commenced on the irrigation system in 1906. The building of the reservoir was one of the greatest tasks of the entire system. This great undertaking required not only a long period of time and much capital, but also an enormous amount of labor and supplies. To carry supplies to the site a branch line, about six miles long, was built from the Oregon-Washington Railway and Navigation Railroad.

At last the work was completed. The land was divided into twenty-acre and forty-acre units; and the irrigation system commenced operations.

All this was the work of years, during which time those first early settlers, and others who had moved in, were often tempted to give up in

despair. Living conditions had been almost unbearable. Without a tree to shelter one from the scorching Summer sunshine, with Winter cold enough to freeze one's finger-tips through the warmest of gloves, and worse yet, with dust-storms so great that it seemed at times as if there would be no earth left if the wind ever stopped—with all these undesirable conditions, and many more, how could they live? Or how could anyone make life worth living under such conditions? Some did move away; but others remained, endured, and suffered hardships all those years, because they could see brighter prospects for the future. They lived daily in hope and faith that the future would bring forth their heart's desire—prosperity and happiness.

And they shall not be disappointed. Now, only a few years after the completion of the irrigation system, let us look about and behold, no more a barren waste of sagebrush inhabited by coyotes, but on every hand prosperous farms, green alfalfa meadows, tall waving trees, and happy homes. Four towns have grown up on the Project; namely, Hermiston, Umatilla, Irrigon, and Boardman. Hermiston, which is the largest, and in which are located the Project headquarters, has a population of 660 inhabitants. It is a very prosperous little town, having nearly every kind of business enterprise, as well as a good school and high-school system.

The Columbia Highway is easily accessible, being connected by other roads with all parts of the Project, and makes motoring to outside places a pleasure.

As to the produce of the farms themselves, many crops can be profitably raised. Alfalfa is the principal crop; but small fruits, berries, corn, potatoes and garden truck do well if properly managed. Dairying is carried on quite extensively, and bees and poultry are kept to advantage on many farms.

A farm experiment station is operated on the Project to determine what crops are most profitable and best adapted to the locality, and to instruct new-comers concerning the methods of irrigation.

* * *

And from the present let us again look forward, not in imagination, but according to the words of all the holy prophets since the world began, and behold the dawning of a new and

glorious age, for which this irrigation system is but a small part of the preparation, when Christ shall rule the nations, and all will serve and obey Him. Then will the Umatilla Irrigation Project be complete, and the hopes of the people realized to the fullest extent; for then, indeed, shall the "desert rejoice and blossom as the rose".—Isaiah 35: 1-10.

Then will everyone love his neighbor as himself, and work for the best interests of all. And all the loved ones in death shall come again from the land of the enemy. They shall return

to their homes, and their dear ones who have prepared for their coming; and all who will obey the righteous laws of that new age will walk up the highway of holiness, which leads unto everlasting life. "And they shall beat their swords into plowshares, and their spears into pruning hooks: nation shall not lift up a sword against nation, neither shall they learn war any more. But they shall sit every man under his vine and under his fig tree; and none shall make them afraid: for the mouth of the Lord of hosts hath spoken it."—Micah 4: 3, 4.

Miscellany

Caught the Crabs Napping

A FISHERMAN near Cape May, just as the frost was coming out of the ground, took his trusty garden rake and raked fifty dozen hard crabs out of the mud of Cedar Island Creek in one day. He received fifteen dollars for his day's work, which was not bad for a fisherman or for anybody.

Wheat Prices Away Up

THE wheat pit in Chicago has been the center of wild scenes, May wheat having risen to over \$2.05 per bushel and thus touched the highest price ever known in peace times. It is stated that this wheat has been actually pur-

chased by consumers, and is not being held for speculative purposes.

Scientific Pruning of Apple Trees

THE New York State Agricultural Department has been making a ten-year experiment as to the best way to prune apple trees, with the result that it has discovered that light pruning is better than heavy pruning, and that the trees so pruned as to have low heads do better than those with high heads. The lowest branches should not be more than twenty inches from the ground. High-headed trees are more easily bent and twisted out of shape. Trees pruned scientifically will not need so many props.

The Lost Art of Hardening Copper Rediscovered

THREE thousand years ago the Egyptians knew how to harden copper so that the metal could be used for weapons, knives or other instruments that require a keen cutting edge. Then for nearly that length of time the art was lost. Now there are persistent reports that it has been rediscovered.

There have been many previous reports that the art of hardening copper had been rediscovered, but there must have been something wrong about the process; for after a time they died out, and no hardened copper utensils have ever appeared in modern markets.

Now, however, there are so many and so persistent reports that the lost art has been found that we give the data at hand for what they are

worth. It surely seems that some of these stories must be true, perhaps all of them.

The Canadian "Blacksmith and Woodworker" reports that Arthur Ross, a blacksmith at 40 Main Street, St. John, New Brunswick, claims to be able to harden either copper or aluminum to any degree of hardness.

The St. John *Evening Times-Star* says of Mr. Ross that he produced a pocket-knife the copper blade of which cut through leather like a razor and shaved hardwood better than a new steel knife. He produced a copper chisel with which he cut directly across the grain of oak wood without damaging the edge of the chisel.

Again, Mr. Ross exhibited a pocket knife the blade of which was of aluminum. With this

aluminum blade he cut through a stick of wood without turning the edge. Again, he made a wedge two inches long, five-eighths of an inch wide and a quarter of an inch thick, also of aluminum, which he drove deeply into a block of hard wood without affecting the edge of the wedge in the least.

Some of the uses to which hardened copper could be put are marine boilers, in which instance salt water from the sea could be utilized direct from the sea without causing injury to the metal; and screens for pulp mills, which now last but a little time, and require to be replaced constantly.

The hard aluminum would be excellent material for knives, forks, spoons and other household utensils; and Mr. Ross hopes to see it widely used for aeroplanes, automobiles and horse-shoes. His discoveries include a method of soldering aluminum. The despatches regarding the discoveries of Mr. Ross are of April date.

The next place where the process of hardening copper seems to have been discovered was East St. Louis, Ill. There, in June, according to the East St. Louis *Daily Journal*, Earl Cummings, of 4009 Monroe Avenue, in repairing his automobile accidentally discovered that in using

some chemicals to clean his copper gaskets he had stumbled upon the secret.

Mr. Cummings was invited to the offices of the Anaconda Copper company, Detroit, to give demonstrations. They were completely satisfactory to the company; and he received a check for \$1,000,000, besides a royalty on every 100 pounds of copper treated by his process. This was in July. A fellow worker, Guy Hueter, 4018 Donovan Avenue, helped finance Cummings' patent, and is now independently wealthy as a result.

The third place from which the rediscovery of the process was reported is Laporte, Indiana. Chicago despatches report that Walter Bunton, a machinist of that place, was offered \$2,000,000 and a royalty of four cents per pound by Winthrop, Smith & Co., of New York, if, as he claims, he has discovered a method of hardening copper so that it cannot be cut by the best steel saws, files and chisels. The Laporte discoveries bear an August date.

If coming events cast their shadows before, it would at least seem, from the appearance of the foregoing, that we are at the dawn of a great discovery which will have immense importance in the mechanical arts.

Moving West *By D. C. Thomas.*

READING an old book on Constantinople and the Eastern or Greek Church, I found this striking quotation from the writings of the late Dean Stanley:

"Eastern Christianity must be treated as a temporary halting-place of the great spiritual migration which, from the day that Abraham turned his face away from the rising sun, has been steadily stepping westward."

Westward has been the trend of empire, and westward has been the trend of spiritual movements of improvement.

Abraham lived in the midst of heathenism, when God called him to go west unto the land of Canaan. So here the representative of spiritual progress, and the recipient of a divine promise to bless all the nations of the earth in his seed, was found west of the cradle of humanity. Centuries later we find the sons of Abraham going west along the coast of the Mediterranean sea and to the northwestern limits of

Asia and into Eastern Europe to spread divine truth.

Progress never moved from here for a long time. He tried to move, but Satan would not let him. He tried to do some cleaning, with the help of one brother of the name of Arius; and the particular furniture of Satan's factory they tried to move is called "Trinity", or the doctrine of a Triune God.

But this piece was nailed to the floor; they failed to move it. It is there yet, and Satan and his coworkers managed to throw Arius and Progress out of the house.

During centuries to follow, the house accumulated dirt in heaps. The keepers of the house would not clean it themselves, nor allow anyone else to do so. Satan surely carried an immense amount of mud into the house this time; and Progress was restrained with the help of one agent of the beast and his descendants.

Next Spiritual Progress (for that is his full

name) moved; and further west he found some good fellow workers in France and Germany, by the names of Waldo and Luther. The last of these was a strong man, and helped Progress to lift some furniture out. Between them they greatly disfigured two pieces of Satan's furniture; namely, "commercial absolution" and "penance". These they replaced with divinely-made goods called "justification by faith". But disfigured as these are, the keepers gathered the pieces; and they have these pieces yet.

But Progress was not satisfied that enough was being done. So he moved to the extreme western part of Europe, and began sweeping in the British Isles. Here he stayed long, accomplished much and found many faithful workers who swept a great deal of ceremonial cobweb from the minds of the people, and decorated the house with many fine samples of spiritual religion.

But here was that same old furniture that Progress had never managed to throw out; and it is here yet—"state control". It really seems that they will never put this into a museum as a relic of the past; but they still keep it in active service. I understand that the Scotch broke an arm off and that the Welsh broke another. But it stands on its legs yet in England.

This thing bothered Progress a great deal, so one fine day he took a boat and sailed from England for the far west again. Afterwards some tried to bring this old relic into this western country, but it was broken up so badly that they never gave it much room.

Some of the old furniture of the factory of the dark ages found room here, however; and Progress has been busy here in the west clearing it out. Progress tramped the wilderness cold, hungry and wet in the person of Roger Williams, and found hospitality among those Red Men that had never heard the name of Christ. Here this furniture, hoary with age, was broken so badly that so far they have not deemed it worth while to give it much room.

Again we find Progress going west, stepping over the Allegheny mountains. Landing in a smoky city, he began sweeping the house in a little office where he made a new broom and caused much dust to fly with it. Progress found a good hand here by the name of Russell who proved to be a mighty wielder of the theological broom. He not only swept the place, but replaced the old furniture made in Satan's factory,

with new and old pieces with the stamp of S. P. (Scripture Proof) on everything.

But the keepers became furious when they saw him throwing out the old furniture so recklessly. Still he did not stop, in spite of their opposition, but went on through the whole house with the light of God in his hand to see what furniture was in it.

He found rotten old dogmas, which he threw out. Another piece called natural immortality of the soul was found that was never made in the inspired factory. He condemned it.

Another called eternal torture he flung out because it did not bear the O. K. of divine truth.

In the sacerdotal rooms of the house he found many trinkets that the Great Master of the house had condemned. Here in the linen department he found long vestments, some collars made to button in the back, and some spurious worthless imitations of jewelry, stamped Rev. and D. D. etc., all intended to segregate and rank some disciples of Christ above the others. They were spurious because the Master says: "All ye are brethren." Under the inspection of the glass (Matthew 23:7-10) they were all found to be spurious and artificial.

This stuff had been brought in by one who called herself "Mother" in the house. But because they were not genuine goods, they all went out at the ruthless hand of this honest worker.

When this noble worker was growing old, it was found that he had made seven brooms to help his fellow workers to keep on cleaning up. These new brooms have been duplicated and scattered still further west; and now there is a mighty host of them sweeping the dust of error away. Creeds and dogmas, ceremonies and titles are being flung into the face of the devil, who made them. Satan now is furious because his pet doctrines are handled so irreverently; and here he says: "That fine old piece of dogma I made long ago in the garden of Eden; and lately I had some friends like Sir Oliver Lodge and Sir Arthur Conan Doyle to paint it up and burnish it. It looks very attractive now to many people. But these reckless reformers of the western world have no respect for anything that is not strictly Biblical. They will not have anything that I have made."

The biggest cleaning that Progress ever made was in this far west. So far Progress has been trying to clean the King's house where His Bride has lived till now. Next in order will be the cleaning of the world at large.

An Address on Zionism *By Dr. Chaim Weizmann*

[Radiocast from Watchtower WBBR, on a wave length of 272.6 meters.]

PALESTINE, ancient land of the Bible, is being rebuilt. Biblical prophecy is being fulfilled in the reinstatement of modern Israel in the Holy Land. The age-old prayer of a dispersed and harassed people has been answered by a tribunal of all the nations which has guaranteed to the Jews the right to build up for themselves a National Home in Palestine.

For the past thirty-five years the work of rehabilitating the ancient Homeland, which has been despoiled and denuded by centuries of Turkish and Arabian misrule and neglect, has been going forward with increasing intensity; and the process has been especially intense since the Armistice. The Jewish people, scattered throughout the world, are reconstructing the country, rebuilding the land brick for brick, stone for stone. Swamps have been drained, sandy wastelands have been made fertile, smiling villages are springing up all over the Homeland.

The American Jew has made possible in no small measure the reconstruction activity in Palestine. He has given his time in tireless effort to achieve the object for which Jews for so many centuries have hoped and prayed and striven; he has given of his material possessions to make the achievement possible. Thousands of Jews in America have labored unceasingly and still labor for an ideal which they never find too difficult to visualize, although its realization is taking place over five thousand miles away.

The Jewish Homeland, with no system of government subvention or taxation to finance regular government functions, is being rebuilt by the Jews of the world. The chief instrument for the financing of the rehabilitation of the Homeland is the Palestine Foundation Fund. It is in this fund that the Jews of America are the greatest participants. Until very recently fully sixty-five percent of the cost of reclaiming the land was borne by the Jews of America. The latest figures place American participation at less than sixty percent. This does not mean that Americans are giving less—in fact they are giving more than ever—but that European Jews are slowly recovering from the shambles of a horrible war, and are beginning to assume their share of the burden of reconstruction. The task of rehabilitating Pal-

estine had its beginnings in a movement begun by an organization which termed itself "Lovers of Zion" during the last century. But their accomplishments were limited by the unfriendliness of the Turks and a lack of large means. Since the War, or since the Armistice, work in Palestine has been going forward on a scale that has been limited only by the amount of funds available for the task. Since the pronouncement of the Balfour Declaration and the ratification by the League of Nations of the British mandatory power over Palestine, we have been, as a Jewish Agency, instrumental in conducting several important operations in Palestine. The primary one was immigration; and in the last three and a half years, 35,000 immigrants have entered the country. These are men and women ranging in age from eighteen to thirty-five or forty. Most of the men have gone through the war, and most of them have prepared themselves for going to Palestine. They are the pioneers, men who represent what is left of good families, people of good education in most cases. It is noteworthy that in the first years of our immigration, about forty percent of the people were men and women with university training, the great majority of them physically fit to perform the most difficult work connected with the upbuilding of a derelict country.

I think it is correct to say that if there were today free movement along the roads of Europe, and that if these roads were not barricaded by guns, passports, visas, police and contending armies, there would have been a stream of such people seeking the road to the next port where they might find a ship which would carry them to Palestine. Of the people who enter Palestine, about twenty-five to thirty percent are being absorbed in agriculture. About fifty percent are being absorbed in temporary occupations, building of houses, draining of marshes, planting of forests, etc. The rest is being absorbed in trade, commerce and the liberal professions.

There is room in Palestine for at least a million and a half people over and above the present population of the country. Palestine of old, within the boundaries of the present Mandate under Great Britain, had a population of about two millions. It is obvious that with modern methods of development a far greater

number could be settled without in the slightest degree interfering with the legitimate interests of the present population in Palestine. In three and a half difficult years of working in Palestine we have, in the opinion of His Majesty's Government, not given the slightest cause for complaint to any of the interests which are involved in Palestine. And I sincerely hope and trust that it will be given to us to continue the work in the same spirit.

The thirty-five thousand immigrants absorbed in the way I have described have formed the nucleus of our work; and we have, along with absorbing them, built up gradually the beginning of a community and a life in Palestine which I venture to say may be considered a creditable achievement. We have built roads, we have drained marshes, we have improved considerably the sanitary state of the country; and many places which four or five years ago were considered a waste and a reproach to the country are covered by small but prospering villages. We have established and are maintaining through the Palestine Foundation Fund a system of education which I think is to be compared favorably with any system of European or American education. The school system is complete, from the kindergarten to the University; and it is an interesting commentary that the language of instruction is entirely Hebrew. The ancient Biblical tongue has been revived as a living language. We have enabled Palestine to recover quickly from the effects of the war, and I think we can see the foundation of the National Home gradually emerging. The blight which has been cast on Palestine by Turkish rule is gradually disappearing, owing to Jewish endeavor.

What is being created in Palestine today is not merely a refuge for the thousands who will come or are coming in. It is a refuge for the martyred Jewish soul which floats between heaven and earth, which has been floating for thousands of years without finding a resting place, but which is beginning to find its rest on the soil of Palestine.

The Biblical prophecy predicts that "the word of the Lord will go out from Jerusalem". This prophecy is destined for fulfilment. The world has at last heeded the prayers and suffering, the protests, and the pleas for justice to the Jew. It needed a great upheaval, it needed rivers of

blood, it needed millions of martyrs. But at last one great power, assisted, encouraged and helped by other great powers, including your own United States, has in times of greatest trial and tribulation issued a new-day Magna Charta to the Jews, saying, "Here is the opportunity you have prayed for; here is what you have asked us in the name of eighty generations of suffering Jewry."

World Jewry has taken advantage of that opportunity, and is today attacking the problems attendant upon reconstruction of the Jewish Homeland. Of the multitude of problems which confront us daily, the one perhaps dearest to me is the Hebrew University, which is being erected on Mt. Scopus, one of the hills surrounding Jerusalem. This University, the foundation stone of which was laid in 1918 to the accompaniment of the thunder of cannon ten miles away at the front, is being reared on the very hill over which our judges, our kings, our prophets, our young children, and young soldiers passed before the tents of Titus into oblivion and into captivity.

The great Rome-that-was proclaimed "Judea Capta", Judea is captive; and the mighty Roman state swept over little Judea. Today nothing is left of Titus but a marble arch, which is the admiration of tourists in Rome; but "Judea Capta" is alive again. From this very hill over which the flower of ancient Judea passed into captivity, modern Judea is laying a new siege on Jerusalem, not with guns and not with stones and not with armored legions, but with science and with art and with social justice, "that my house may be a House of Prayer for all peoples."

Lord Cecil on the Munition Makers

IN HIS argument before the opium conference at Geneva, Lord Cecil is said to have made the assertion that one of the foes to the reduction of opium production in China is the munition maker. These munition makers, many of them professed Christians, encourage the Chinese to produce and sell more opium so that they will have the funds wherewith to buy the munitions with which they are now murdering one another. Better bring back some of the missionaries, and put them to work at making real Christians out of the proprietors of the munition factories.

How to Stabilize the World

[Broadcast from Watchtower WBBR on a wave length of 272.6 meters, by Judge Rutherford.]

IN HIS syndicated article of December 28th, 1924, Mr. Lloyd George said:

"The deepest impression left on my mind by 1924 is of a world once more reconciled to black. The iridescent colors of a new hope flung on the sky by the Great War, after becoming year by year fainter and more mildewed with the unfavorable weather that followed peace, seem finally to have faded away altogether during this year; and a dull grey hangs over the earth."

During his farewell visit to the United States some months ago Mr. Lloyd George said:

"I am sure that unless something intervenes there may be in the world again a catastrophe, but not like the last one. The next war may destroy civilization, unless somebody does something."

These words are those of a man of wide experience and strong mentality who is completely unable to fathom the present conditions or to assign a remedy, and admits as much.

A Christmas editorial in the *Newport News* amongst other things says:

"From 1914 to 1918 men feared those who had the power to kill the body. Now discriminating minds in all parts of the world stand aghast at the presence of forces which threaten to destroy civilization itself. . . . An outstanding New York financier visits Europe and returns to tell the faculties of the leading universities of the country that while there is much financial distress, much social unrest, much political chaos in Europe at the present time, the crying need here is for the voice of a prophet who will make it clear to the rebuilders of European life that no abiding civilization can be erected upon hatred and bitterness, but only upon righteousness and justice."

Continuing this editorial says:

"What is the remedy for the situation? Business men by the score are declaring that there is but one hope for the better day, about which men are talking and that is for more of the Christian spirit and teachings and ideals in business, politics, statesmanship, education, labor organizations, international relationships and world policy. It is the testimony of the leading statisticians and leading financiers in the country that the need of America is not for more money, or more politics, or more education of the secular sort, but for more Christian thinking and Christian living."

These sayings show the helplessness of the world at this time, and show that some realize the need of divine help, and yet they stand idly by and fail to avail themselves of the help that is proffered. If a man is blind, and a physician stands by who is able to heal him, and the blind man realizes he needs a physician and yet will make no attempt to ask or procure

the aid of the physician, how can he expect to be healed?

The whole world is blind. This blindness is induced by Satan and his emissaries generally, amongst whom are those false prophets who have claimed to represent the Lord but who have not done so. The people are beginning to realize that the time has passed when they can expect any aid from the ecclesiastics. Truly they are just in the condition that God, through His prophet Ezekiel, stated: "And they were scattered because there is no shepherd: and they became meat to all the beasts of the field when they were scattered."—Ezekiel 34:5.

Everybody who thinks realizes the deplorable condition of the world. All are more interested in what is the remedy. Statesmen have tried to remedy the condition by a League of Nations, and that has become a byword and has brought forth nothing. The financiers have tried to stabilize the world by various financial plans, but there is no real permanent success. Some months ago a distinguished statesman suggested that the church denominations combine and bring about the necessary reformation. No one seriously believes that the church denominations can do anything to accomplish reform. If prohibition is to be taken as a sample of what can be done, then the situation is hopeless.

The church denominations took advantage of the war to create a situation to join hands with politicians and financiers, and put the prohibition law on the statute books. It is true that this has driven out the saloon, but it has not abolished intoxicating liquor. Far from it. On New Year's morning, 1925, the papers announced that in the great city of New York the night before thirty-seven rum raids were made and forty-one persons arrested. Probably there were not sufficient officers of the law to visit the large fashionable hotels and look after the use of illicit liquor there. Probably some of them forgot to carry out instructions who were sent there. It is freely stated that officers in uniform mingled with the guests and diners in the large and fashionable hotels in New York city on New Year's Eve, and watched the free flow of intoxicating liquor and made no protest and no arrests.

I am not speaking in criticism of the officers. Their responsibility is to the one who appointed

them. It is not my business to run this world. I cite these facts merely to show that there is no human organization that can now stabilize the world and bring about a desired condition.

I furthermore assert with absolute certainty that no human organization will arise that can accomplish this. The reason I so state is because the statesmen, the politicians, and the business men who would desire to see a better condition are unacquainted with the Word of God, not having been taught. Hence they do not take into consideration the cause of the trouble nor the proper remedy.

Furthermore the clergy, at least a majority of them, who claim to administer the Word of God, are either wilfully ignorant of it or else neglect to heed or to abide by its plain statements as to the cause of the trouble and as to what is the divine remedy.

Many of the good people are becoming desperate. Many others are becoming reckless, and still more are in distress, and some in despair. Is there no help? Is there no way to stabilize the world? In answer to this there comes the clear, positive statement from the Word of God, addressed to really consecrated Christians, which commands that they speak to the peoples of the world, and "say among the nations that the Lord reigneth; the world also shall be established that it shall not be moved: he shall judge the people righteously."—Psalm 96:10.

But one who is skeptical asks: How can I rely upon the statements of the Bible? I answer this by asking another question: If some good and wise man had told you fifty years ago that 1914 would mark the beginning of a great world war and that this would be quickly followed by a terrible pestilence and a famine and in many parts of the earth revolutions, and if you had confidence in that man and watched for the coming of that day and found that the things transpired exactly as he had told you, what would you think? You would say: Surely this man is wise beyond others and I can rely upon what he says.

I call your attention to the fact that nearly 1900 years ago the best and wisest Man that ever trod the soil of the earth pointed to the end of the world; and that when the question was propounded to him, 'Master, tell us, how may we know when that time comes?' He answered; 'There will be a world war, great famines, pestilences, and revolutions; and these shall mark the beginning of the sorrows upon the nations

at the end.' In Matthew 24:7,8 He stated this.

Other prophecies in the Bible plainly showed that the Gentile Times would end in 1914. If we find, then, that this prophecy is fulfilled exactly, on time and exactly as foretold, would not that be sufficient to cause the thoughtful and sensible man to stop and consider and to conclude that if the words of Jesus have come to pass exactly on time as He foretold then that is sufficient reason why he should rely upon the further words that He states.

In further answer to the question propounded to Him concerning the end of the old order, Jesus said that "there shall be . . . upon the earth distress of nations, with perplexity; the sea and waves roaring; men's hearts failing them for fear and for looking after those things which are coming on the earth."—Luke 21:25,26.

Even a blind man can see that the world is now in distress and perplexity, and that men's hearts are failing them for fear; and this has come exactly at the time He said it would come.

Furthermore, the inspired writer of the Bible stated that at this time there would rise a class of men pretending to teach the Bible, who would scoff at the teaching concerning the end of the world and the second coming of the Lord and the setting up of His kingdom; and we see that transpiring also.—2 Peter 3:5,7,13.

It is freely admitted by everyone that all the nations are preparing for a tremendous war. It will be worse than a war. It will be wholesale slaughter. When a fleet of airplanes can wipe out a city like London in a night, slaughter defenseless woman and children, as well as the men, then this can not be called war but a time of trouble. The Scriptures abound with proof that this is coming, and Jesus emphasized it particularly. He warned the people that it would come. Had the clergy taken heed to the Scriptural warning, and had told the people what it meant, and had tried to stabilize the world in that way instead of through the League of Nations and in utter disregard of the Bible, this very impending trouble could have been avoided. They failed to do so. They walked on in darkness.

Jesus then states that following the war, would come the famine and the pestilence and revolution. He furthermore stated that these things are evidences of the establishment of the Lord's kingdom, and that before this final trouble the good news of the kingdom shall be preached

in all the world for a witness to all the nations, and that then shall the end come. This is exactly what the International Bible Students have been doing in the past few years. They have carried the message of the kingdom to every country where the name of Christ is named, not with the expectation of converting the world, but with the expectation of being a witness to the coming kingdom, exactly as the Lord commanded.—Matthew 24:14.

How, then, will the world be stabilized? I answer that there is but one way; and that is by Christ, the Messiah, the great Prince of Peace.

The Psalmist describes the final catastrophe upon the peoples of the earth in these words: "They reel to and fro, and stagger like a drunken man, and are at their wits' end. Then they cry unto the Lord in their trouble, and he bringeth them out of their distresses. He maketh the storm a calm, so that the waves thereof are still. Then are they glad because they be quiet; so he bringeth them unto their desired haven."—Psalm 107: 27-30.

The great trouble upon the earth is the result of the failure to accept the Lord's kingdom without opposition. But Christ Jesus, the great Prince of Peace, is now establishing His kingdom. Of course the message concerning the kingdom is opposed by the devil. It is opposed by everyone who is in league with his organization; but there is no power under heaven that can stay the onward rush of the message of truth. As well might the opponents try to sweep dry the bay of New York with an ordinary broom as to push back the tide of truth that is now rising. God's kingdom is at hand. The world shall be established because the great righteous King is taking possession and will dash the present wicked order to pieces, that the people might stand free to accept and be obedient to His rule of righteousness and live.

Concerning this the Prophet said: "Behold a king shall reign in righteousness, and princes shall rule in judgment."—Isaiah 32:1.

He is the Prince of Peace; the government shall be upon His shoulder, and of the increase of His government and peace there shall be no end.—Isaiah 9: 6, 7.

The prophet Zephaniah in 3:8 describes the terrible trouble which is now upon the world and which is increasing with fury, and which shall

destroy the present evil systems. Then in the 9th verse he says: "For then will I turn to the people a pure language, that they may all call upon the name of the Lord, to serve him with one consent."

As the great storm of shot and poison gas falling from the sky upon the people is impending and immediately about to come, fear and trembling have taken hold of the nations and peoples everywhere. There are many in darkness who desire to know what to do and who are crying out, What shall we do at this time? The Prophet answers: "Before the fierce anger of the Lord come upon you, before the day of the Lord's anger come upon you, seek ye the Lord, all ye meek [teachable] of the earth, which have wrought his judgment; seek righteousness, seek meekness; it may be ye shall be hid in the day of the Lord's anger."—Zephaniah 2:2, 3.

There is but one refuge and that is the refuge of Christ's kingdom. There is but one name under heaven whereby man must be saved, and that is the name of Christ. Christ Jesus, the Son of God, tasted death for every man. (Hebrews 2:9) His life provided the redemptive price for all mankind. Now all shall be brought to a knowledge of the truth. The Lord promised to return and set up His kingdom. He has fulfilled His promise. The day of trouble is on now because of the resistance of the powers of darkness. The devil is blinding everyone possible to turn men's minds away from the Lord. It is the duty of every Christian to teach his brother and his neighbor now concerning the way of the Lord, that leads to peace and happiness.

Many of you ask: Why then do not our ministers in all of our churches preach Christ Jesus as the Redeemer and Deliverer of the human race, and His kingdom as the means of deliverance? Why do we have so many Modernists, and why are they wrangling amongst themselves instead of instructing the people concerning the Word of God?

In answer to this question I do not wish to be misunderstood. I have no quarrel with any man. Sarcastic criticism is unbecoming. What I say I say only because I hope that it may do good for those who have a disposition to hear. There are many men who are wise in their own conceit, and who have ignored the Bible, yield-

ed to the seductive influences of the evil one and become blind to God's purposes. The Lord through His prophet foretold exactly this condition. These men were once watchmen [or shepherds] for the Church, watchmen [shepherds] for the interest of the Lord. Now they ignore God, ignore the Lord Jesus Christ and the Bible.

Concerning them the Lord's prophet in these words, says: "His watchmen are blind; they are all ignorant, they are all dumb dogs, they can not bark; sleeping, lying down, loving to slumber. Yea, they are greedy dogs which can never have enough, and they are shepherds that cannot understand; they all look to their own way, every one for his gain from his quarter [congregation]."—Isaiah 56:10, 11.

The Lord has promised His truth and blessings to all, however, that seek Him; and by His prophet He says: "Ho, every one that thirsteth, come ye to the waters [truth] and he that hath no money; come ye, buy and eat; yea, come, buy wine and milk without money, and without price. Wherefore do ye spend money for that which is not bread? and your labor for that which satisfieth not? hearken diligently unto me, and eat ye that which is good, and let your soul delight itself in fatness. Incline your ear, and come unto me; hear and your soul shall live; and I will make an everlasting covenant with you, even the sure mercies of David. Behold, I have given him for a witness to the people, a leader and commander to the people."—Isaiah 55:1-4.

In every church of the land for many years the prayer that Jesus taught his disciples to pray has been prayed: "Thy kingdom come; thy will be done in earth, as it is in heaven." Has this prayer been prayed in sincerity and truth? Should we expect a fulfilment of it? We may be sure that the Lord, having taught His disciples to pray, would fulfil it in His own due time. Jesus plainly set forth that this could not be done until His return and the setting up of His kingdom. The Lord is now here. Let the world take notice of this fact; and in this hour of distress and extremity let those who have reverential hearts turn their minds and hearts to the Lord. Having promised to establish the world in righteousness He will do it. His reign shall be in righteousness and in justice to all.

Concerning the peace and blessings and stability of society that will result from the Lord's reign the prophet in beautiful poetic language describes it thus: "But with righteousness shall he judge the poor, and reprove with equity for the meek of the earth: and he shall smite the earth with the rod of his mouth, and with the breath of his lips shall he slay the wicked. And righteousness shall be the girdle of his loins, and faithfulness the girdle of his reins. The wolf also shall dwell with the lamb, and the leopard shall lie down with the kid; and the calf, and the young lion, and the fatling together: a little child shall lead them. And the cow and the bear shall feed; their young ones shall lie down together; and the lion, shall eat straw like the ox. And the suckling child shall play on the hole of the asp, and the weaned child shall put his hand on the cockatrice' den. They shall not hurt nor destroy in all my holy mountain; for the earth shall be full of the knowledge of the Lord, as the waters cover the sea."—Isaiah 11:4-9.

The Lord put the words into the Bible as a command to those who love Him; and He makes it the duty of all such to make proclamation of these words of consolation to the people now. Amongst these words of comfort are found those of the Prophet, as follows: "Say among the heathen, that the Lord reigneth; the world also shall be established that it shall not be moved; he shall judge the people righteously. Let the heavens rejoice, and let the earth be glad; let the sea roar, and the fulness thereof. Let the field be joyful, and all that is therein: then shall all the trees of the wood rejoice before the Lord; for he cometh, for he cometh to judge the earth; he shall judge the world with righteousness, and the people with his truth."—Psalm 96:10-13.

When all the business of the land is done upon the basis of justice and righteousness, when the Golden Rule is the rule amongst men, when politicians cease to exploit the people, when the financiers cease to rob them and deal in righteousness and equity, when the teachers and clergy quit denying the Scriptures and turn to the truth, when the people learn to heed and obey the righteous laws of the new government, then the world will be completely established; and peace and joy shall reign amongst the people.

The work of establishing and restoring mankind will cover a period of 1,000 years. It is described as a day; and the Prophet says: "The mighty God, even the Lord, hath spoken, and called the earth from the rising of the sun unto the going down thereof."—Psalm 50:1.

The Lord will speak to the people then through

His faithful earthly representatives. He will call to them from the beginning of the day until the going down thereof; and they that heed and obey His word shall be blessed for evermore. They shall dwell together on the earth in peace and prosperity, health and happiness; and the praises of the Lord will ever be upon their lips.

Radio Program

Sunday, April 26

- 10:00 a. m. Watchtower Orchestra.
 10:20 Mr. Fred Twaroschk, tenor, accompanied by Watchtower Orchestra.
 10:30 Bible Lecture, "The Time of Deliverance"—Mr. W. L. Pelle.
 11:00 Mr. Fred Twaroschk, tenor, accompanied by orchestra.
 11:10 Watchtower Orchestra.
 * * * * *
 9:00 p. m. Staten Island School of Music—Messrs. Clifford Chapin, Edward Petri and L. Koval.
 9:15 I. B. S. A. Choral Singers.
 9:25 Bible Lecture, "Behold Thy King"—Mr. Pelle.
 9:55 I. B. S. A. Choral Singers.
 10:05 Violin Solos—Mr. Clifford Chapin.
 10:15 Staten Island School of Music.
 10:25 I. B. S. A. Choral Singers.

Monday, April 27

- 8:00 p. m. Mrs. Irene Kleinpeter, soprano.
 8:10 Vocal Duets—Mrs Irene Kleinpeter and Mr. Fred Franz.
 8:20 World News Digest by Editor of GOLDEN AGE Magazine.
 8:40 Mr. Fred Franz, tenor
 8:50 Vocal Duets.

Thursday, May 1

- 8:00 p. m. Instrumental Selections—Messrs. F. Wood, Carl Park and George Twaroschk.
 8:10 Violin Solos—Mr. Carl Park.
 8:20 International Sunday School Lesson for May 3—Mr. S. M. Van Sipma.
 Flute Solos—Mr. Frank Wood.
 8:50 Instrumental Selections.

Saturday, May 2

- 8:00 p. m. Piano Solos—Mrs. Hans Haag.
 8:15 Mrs. L. M. Brown, soprano.
 8:20 Bible Questions and Answers.
 8:45 Mrs. L. M. Brown.
 8:50 Mrs. Hans Haag.

Sunday, May 3

- 10:00 a. m. Watchtower Orchestra, Classical Selections.
 10:10 Mrs. L. M. Brown, soprano.
 10:20 Watchtower Orchestra, Sacred Selections.
 10:35 Bible Lecture, "God's Rest Day, a Period of Seven Thousand Years"—Mr. R. H. Barber.
 11:05 Mrs. L. M. Brown, soprano.
 11:15 Watchtower Orchestra.
 * * * * *
 9:00 p. m. Choral Singers.
 9:10 Watchtower String Quartette.
 9:20 Choral Singers.
 9:30 Bible Lecture, "The Masterpieces of God's Creation"—Mr. R. H. Barber.
 10:00 Choral Singers.
 10:10 Watchtower String Quartette.
 10:20 Choral Singers.

Monday, May 4

- 8:00 p. m. Syrian Oriental Music.
 8:10 Vocal Selections.
 8:20 World News Digest by Editor of GOLDEN AGE Magazine.
 8:40 Vocal Selections.
 8:50 Syrian Oriental Music.

Thursday, May 7

- 8:00 p. m. Watchtower Instrumental Trio—Messrs. Carl Park, M. Carment and Geo. Twaroschk.
 8:10 Violin Solos—Mr. Carl Park.
 8:20 International Sunday School Lesson for May 10—Mr. S. M. Van Sipma.
 8:40 Clarinet Solos—Mr. Malcolm Carment.
 8:50 Watchtower Instrumental Trio.

Saturday, May 9

- 8:00 p. m. Dr. Hans Haag, violinist.
 8:15 Mr. Fred Twaroschk, tenor.
 8:20 Bible Questions and Answers.
 8:45 Mr. Fred Twaroschk, tenor.
 8:50 Dr. Hans Haag.

Denver Pastor Teaches Parishioners to Dance

IN THE Seventeenth Avenue Community Church of Denver the pastor, Rev. David H. Fouse, teaches the young people of his congregation the latest ball-room steps and announces that he sees nothing wrong in it but believes it

is holy. Everything is getting holy nowadays. Not so long ago a minister announced that eating is holy. But we feel sure that he had never been a guest in a low-priced and early-rising boarding house. He probably breakfasts at 10 a.m.

STUDIES IN THE "HARP OF GOD" (JUDGE RUTHERFORD'S LATEST BOOK)



With Issue Number 60 we began running Judge Rutherford's new book, "The Harp of God", with accompanying questions, taking the place of both Advanced and Juvenile Bible Studies which have been hitherto published.



³⁹⁹It is not the purpose of this writing to enter into a detailed statement of Biblical chronology. The searcher for truth can find an extensive treatment of this question in Volumes II and III of STUDIES IN THE SCRIPTURES. The purpose here is to call attention to certain important dates and then see how much, if any, prophecy has been fulfilled within these dates. Chronology, to some extent at least, depends upon accurate calculations; and there is always some possibility of mistakes. Fulfilled prophecy is the record of physical facts which are actually existent and definitely fixed. Physical facts do not stultify themselves. They stand as silent witnesses whose testimony must be taken as indisputable.

⁴⁰⁰There are two important dates here that we must not confuse, but clearly differentiate, namely, the beginning of "the time of the end" and of "the presence of the Lord". "The time of the end" embraces a period from A. D. 1799, as above indicated, to the time of the complete overthrow of Satan's empire and the establishment of the kingdom of the Messiah. The time of the Lord's second presence dates from 1874, as above stated. The latter period is within the first named, of course, and at the latter part of the period known as "the time of the end".

⁴⁰¹The understanding of the prophecies with reference to "the time of the end" and the Lord's presence was purposely concealed by Jehovah until the due time. Daniel desired to know what would be the end of these things, but God said to him: "But thou, O Daniel, shut up the words, and seal the book, even to the time of the end." (Daniel 12:4) It is reasonable to expect that Jehovah would indicate something by which "the time of the end" could be discerned when it arrived. He did not say to Daniel to look for some words emblazoned across the sky that the end had come, but told him to look for such evidences as could be seen and understood by men familiar with the prophecies, and who in the light of the prophecies should be watching for their fulfilment. He did not expect Daniel to understand it in his day; for He said: "Go thy way, Daniel; for the words are closed up and sealed till the time of the end."—Dan. 12:9.

QUESTIONS ON "THE HARP OF GOD"

- Why is fulfilled prophecy conclusive proof concerning the question at issue? ¶ 399.
- Is there a difference between the date of the beginning of the "time of the end" and the presence of the Lord? What period of time is covered by the "time of the end"? ¶ 400.
- Was there any reason why these important dates should be concealed for a time? Give Scriptural reason. ¶ 401.

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