SERVICES AT THE TABERNACLE.

The Quarterly Stake Conference Held Yesterday and Today.

SUMMARY OF PROCEEDINGS.

Addresses by the Stake Presidency, the First Presidency and others —Home Missionaries Called.

The quarterly Stake conference convened in the Tabernacle, Sunday morning at 10 a. m., President Angus M. Cannon presiding. The services were opened by singing the hymn on page 46:

Our God, we raise to Thee,
Thanks for Thy blessings free,
We here enjoy.

Prayer was offered by Bishop Wm. B. Preston.

Singing, hymn on page 319:

On the mountain's top appearing,
Lo, a sacred herald stands.

There were present of the First Presidency, President Geo. Q. Cannon, of the Council of the Apostles, Aaron H. Lund; of the presiding Saturday, Wm. B. Preston; Presidents Angus M. Cannon, Jos. E. Taylor and Charles W. Penrose, presidency of the Stake. The call was responded to by Ira Hugh Cannon, two patriarchs, Nathaniel V. Jones of the Presidency of the High Priests' quorum, seven presidents of Seventy, thirty bone missionaries.

All the wards of the Stake were properly represented, except the Seventh city ward and Forest Dale, Crescent and Riverton. The First, Second, Fourth, Fifth, Sixth, Ninth, Tenth, Twelfth, Thirteenth, Sixteenth, Eighteenth, Twenty-first and Twenty-fifth quorums of Elders were represented by their presiding officers. There was a large attendance of the members of the Lesser Priesthood. All the Stake associations were represented by members of their respective presidencies, excepting the Home Mutual Improvement association.

The minutes of the Priesthood meeting were read and approved by vote of the congregation.

Thirty-two brethren were ordained to the office of Elder, and were greeted by the congregation.

President Angus M. Cannon announced that matters of importance would be attended to at the meeting on Monday morning, and urged all the Latter-day Saints who could do so to be present.

ELDER CLAUDIUS V. SPENCER.

Elder Claudius V. Spencer was called to the stand. He said he had lived in this Stake since 1847 and had a deep interest in the outcome of the settlement of these valleys by the Latter-day Saints. The conditions which surrounded them have made such impressions on my mind like the engraving on steel. When I behold the indifference of some men holding the Priesthood, in the smallness of the sacrifices I was asked of them today in comparison with those of former days among this people, I ask myself what is the reason of it? How much greater would the inside today, if there were a mill made for 100 wagons with fore or three yoke of oxen to each, and men to go with them to the Missouri river for the poor, such as was usual in the days when we lived in dug-outs and had not the comforts for our families which today our poorer down essential?

I believe a general improvement can be made in the worship of the Saints, in which the carelessness and things into which have been committed sins as are administered in our ward meetings. Notices of a matter of small importance to be given while that sacred ordinance is attended to.

PRESIDENT ANGUS M. CANNON.

President Angus M. Cannon said: "You will perceive that we changed the time of holding conference from Saturday to Monday. This has been done at the suggestion of some of the Apostles because it has been tried with success in other Stakes. The Saturday meetings will be held in the wards as usual in the evening. We urge the Bishops to see that those who are appointed to act as teachers of it in this building we have appointments been subjected to indignities which we have no right to expect. Such professing to be Christian people who have come among us, and who have manifested a contempt for the best remembrance of the sufferings of our Lord and Savior. For that reason it has been discontinued here and is left to the ward meetings.

It is gratifying to behold how many young men have the morning been assigned into the higher Priesthood. There will be no use for a man to preach, but it is the shunning the snares after the vintage is over, as it has been said that it should be. There should be no sensational preaching. It is gratifying to count upon those who, they go into the world as being sanctified to bear the name of God in their will, to carry out the purposes of the Lord in sending them.

It is painful to know that there are some who are fleeing from responsibilities and others in responsible positions, who do not sense the necessity of carrying out the counsels of the Priesthood of God. Whether we be Deacons or Elders or presidents, we should always have our ears, and our eyes open, and our hearts susceptible to receive the inspirations of the Spirit of the Lord. It is important that the heads of families we counsel who they are and we must lead our families in the ways of righteousness. We should remember that there is no work more important required of Bishops. And if any Bishop, or president of a Stake, considers his political or any secular duties, more important than the duties of his Priesthood, seeking the approval of God and of preference to the approval of God and of His Son, whose Priesthood that is, he called to bear, he should by doors his Priesthood, or else seek to qualify it. Any one that regards the Priesthood lightly should resign his position. We would not assume to fill offices and then neglect our duty to God. The Gospel is everything or it is nothing.

Where are your children? Are they in Sunday school or sending about the streets, selling papers and smoking cigarettes? Are we setting a good example before their members, so that they can say to our children, behold your fathers and mothers? Let there ever be a father, who attends to his duties and says his tithing in season. Do you not see that the spoiler is at the door of your children? If you have a mind to crush her early before and let her children go down to early death, what compensation will you be able to make Zion and trials? When Jesus appeals He will call us to account. We will ask: What have you done with my Priesthood? He has said, In this city I lose his life for my sake shall find it and he that will seek his life shall lose it.

A Catholic priest may hear confession and give advice without danger that his words will be given to the public. But it is not always so with us. Some will assail the best men we have on earth, retail scandal and expose private matters given for their salvation. The scandal-monger is the greatest evil we have in our midst. When I have heard good men holding the Priesthood, carelessly assailing it I have thought, suppose the veil were opened and those who assailed could hear what would we say? We would say nothing in secret that we would not say in public. That which we have spoken in secret places shall be proclaimed upon the housetops. If we would manifest talk before the Lord, we would not see or Priesthood to reform our brethren.

The testimony of this people is in keeping as to those valleys and to causing them to bear with the good things of earth, multiplied and bear, fulfilling the declaration of Joseph, when he said we should come over those mountains and make the desert blossom as the rose. And he used more by riches than he had been by poverty. We have received the law that we shall be exalted with the righteous dead and that we will lead the other characters for His service. The issue we give is a token that we build for other characters, the qualities to His command. Shall we join the and turn back?

There is the Latter-day Saints' College—what we let it go down?; Some say, yes. Others say that the education of our children is the principles of the gospel is of the greatest importance. We know it is important to import the best breeds of cattle, and horses, and sheep. Then what of the boys and girls? Is proper training not important to them, and to the mothers who have gone through so much to give them the benefit? Should we not teach them of their origin, their calling, and their destiny? I beseech you to get your families together and attend such classes. In the contemplation of the destruction that will overtake the unrighteous, we should not be unmindful of us. Let us learn to curtail our expenses to cut down our desires for luxuries, to live within our means and be content. We owe no man anything, but the debt that is upon us. I am glad to say that the Saints are paying a better tithing than formerly. Let us be better still. Let us make our gathering in to this city, and we must be careful in ourselves them, not to take the spirit of the world. The Lord has said to the life. Elders are going forth into the world and they should have already acquired a name for the hope that is in them.

ELDER JOS E. TAYLOR.

Elder Jos E. Taylor said:

The people of the Stake are making commendable to make themselves acquainted with the true condition of the people. The Presidency and the Council of the Stake have feelings of kindness towards everyone, but it is sometimes necessary that they reprove and admonish, wherever they see cause that there has been laxity in the duties of the Priesthood. How long do you suppose the Lord would bear with us if we did not do as the Apostles, if they neglected to carry out the instructions they receive from heaven, and the Lord did not be displeased with those who neglect to carry out the instructions of the leaders. Our business is to save, to gather together, to be diligent, to be earnest before God, to have been brought here for a certain purpose. We should feel that the calling and duties of the Priesthood are sacred. A man who feels that he is too much burdened in exercising a calling of the Priesthood, should resign and let some other man who can get the benefit of the calling take his place. There are many things in the Stake of Zion which we wish were different. There are other things that give us great joy. One of the best evidences of the faith of the people is to be seen in the number who go to the Temple and have their dead baptized. The President Joseph, just before he passed from earth, was constantly instructing with the spirit of revelation for the dead. Carrying the keys of the Priesthood, the feelings and the desires of heaven in his heart, the salvation of the human family, was constantly in his mind.

Time was when the wrongs of individual persons were brought before the congregations of the people. This was done for a good purpose for their salvation. We do not take the course now. We have with them privately, and seek thus to save them. Mercy in this regard is made manifest among the people, and we ought to prize it. We have come into the presence of the elements of the world in our midst, there are many wrongs introduced, which are entering into every branch of society. And as when a son degrades himself, the burden of that wrong comes right on the father, so it is with the Latter-day Saints. When the time comes, that we must answer for the training we have given and the example we have set before our children, and find before God, that they have received from us what God has committed to our keeping? Let our children behold our faithfulness. There is more nuisance in this city where some have been corrupt and sinful, yet they will not go to the better class of the preach, but it is the shunning the snares after the vintage is over, as it has been said that it should be. There should be no sensational preaching. It is gratifying to count upon those who, they go into the world as being sanctified to bear the name of God in their will, to carry out the purposes of the Lord in sending them.

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Where are your children? Are they in Sunday school or sending about the streets, selling papers and smoking cigarettes? Are we setting a good example before their members, so that they can say to our children, behold your fathers and mothers? Let there ever be a father, who attends to his duties and says his tithing in season. Do you not see that the spoiler is at the door of your children? If you have a mind to crush her early before and let her children go down to early death, what compensation will you be able to make Zion and trials? When Jesus appeals He will call us to account. We will ask: What have you done with my Priesthood? He has said, In this city I lose his life for my sake shall find it and he that will seek his life shall lose it.

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A Mother's Duty

is to see to it that her children learn early to rise so cleanliness their daily regularly once a week. In each instance, when the hair is thoroughly dry, some mild, health-giving tonic should be applied to the scalp to stimulate the nerves to healthful activity. For this purpose Sutherland Sisters Hair Grower is conceded, because healthy hair is the most important feature in the make-up of beauty in woman and Sutherland sons for many years, the

7 Sutherland Sisters Scalp Cleaner

has stood at the apex of all shampoo washes, while the "Hair Grower" has become universally successful in its efforts to retain the original and lasting beauty which Nature has given their original healthfulness.

SOLD BY DRUGGISTS.

presented by Elder C. W. Penrose and sustained as follows:

STAKE AUTHORITIES.

Stake Presidency—Angus M. Cannon, president; Joseph E. Taylor and Charles W. Penrose, counselors.

High Councilors—Moses Thatcher, George J. Taylor, Henry Dinwoodey, Andrew W. Winberg, John T. Caine, James P. Frost, Miranda Pratt, Hector P. Richards, Elias A. Smith, John Nicholson, John Clark, David L. Davis.

Alternate High Councilors—Orson A. Woodley, William W. Riter, Edward Stevenson, John Kirkman and Spencer Clawson.

Presidency of High Priests' Quorum—George R. Wallace, president; William C. Dunbar and Nathaniel V. Jones, counselors.

Patriarchs—Alonzo H. Raleigh, Washington Lemmon, Archibald N. Hill, Samuel Pixley, William B. Walker, Rickles Holman, John Tinney, Albert Brown, Howard Coray, William C. Crump, Absalom W. Smith, William C. Allen.

Clerk of the Stake and the High Council—James D. Stirling.

Reporter—Willard Done.

Board of Education—Angus M. Cannon, Joseph E. Taylor, Charles W. Penrose, David McKenzie, J. M. Sjodahl, William W. Riter, Richard R. Thomas.

HOME MISSIONARIES.

Bowles, George	Maycock, Geo. E.
Bowen, James E.	Miller, Uriah G.
Bates, Jr., John	Nicholson, John.
Burton, Theodore T.	Noall, Wm. T.
Brown, Charles	Naylor, Thos. G.
Budd, George H.	Naylor, Theodore
Butterfield, Edwin W. J.	Nystrom, Theodore
Rockwood, Martin	Platt, Abram W.
Brown, Campbell	Rogers, Brian G.
Christenson, Jos.	Pearson, Henry M.
Caine, John T.	Pearson, Frank W.
Cutler Jr., John C.	Riter, Wm. W.
Chipman, Wash-ington S.	Richards, Franklin
Cannon, Brigham	Toronto, Wm. S.
Campbell, William	Tuttle, Geo. A.
Carr, Alexander	Tanner, Chas. E.
Carlisle, Harvey C.	Robertson, John W.
Cornwall, Jos. A.	Russell, James
Davis, David L.	Rigby, Marion S.
Done, Willard	Spencer, Claudius
Davis, David J.	V.
Fjeldsted, Jas. T.	Stewart, Chas. H.
Fyans, Frank C.	Stuart, Geo. A.
Goddard, Benjamin	Spencer, Saml. G.
Harrell, Samuel G.	Smith, Hyrum M.
Hilton, George	Smith, Walter J.
Hopkinbank, Jr.	Smith Jr., Andrew.
Henry,	Sessions, Wm.
Hyde Jr., Abram R.	Summerhays, Wm.
Hansen, Brigham H.	Stevens, Robert C.
Hazen, Sam'l B.	Smith, Solomon E.
Hamblet, Leon R.	Selley, Joshua.
Hill, George E.	Stringfellow, Jos. W.
Ivins, Anthony	Thorne,
Jensen, James P.	Rhoda, Edwin S.
Johnson, Peter O.	Smith, Joseph.
Knight, John M.	Taylor, John G.
Kimball, Heber J.	Thomas, Samuel.
Kimball, Daniel H.	Talmage, James E.
Lund, William R.	Woolley, Owen A.
Lambert, Edward	Wells, Jr., Joseph
Lambert, James N.	Walker, John W.
Langton, Frederick	Whipple, Daniel
McKenzie, David	Weller Jr., Elias
McKeown, Daniel	Weller Jr., Elias
Morris Jr., Geo. Y.	Wallace, Thos. D.
Matheson, Albert C.	Woodmansee, John.
Miller, Alfred C.	Woodruff, Elias S.

Relief Society—Mary Isabella Horne, president; Annie T. Hyde and Clara C. Cannon, counselors.

Sabbath Schools—Thomas C. Griggs, superintendent; Richard R. Horne and Willard C. Burton, assistants.

Young Men's M. I. Associations—Richard R. Lyman, superintendent; George F. Gibbs and Heber C. Iverson, assistants.

Young Ladies' M. I. Associations—Nellie C. Taylor, superintendent; Lucy M. Smith and Emily Caldwell, assistants.

Primary Associations—Camilla C. Cobb, superintendent; Lydia Ann Young and Mary L. Morris, assistants.

Kindergarten Associations—Georgina Fox Young, superintendent.

Tabernacle Choir—Evan Stephens, leader; Joseph J. Daynes, organist, and all the members of the choir.

Scandinavian Meetings at Salt Lake City—J. M. Sjodahl, president; Martin Christopherson and John F. Jensen, counselors.

German Meetings—Peter F. Gass, president; Henry Reiser and Herman Greither counselors.

Scandinavian Meetings at South Cottonwood—Christen Christensen.

Scandinavian meetings at Sandy—John C. Wherry.

Elder George R. Margetts as chief usher at the Tabernacle and aids.

The statistical report was also read.

The statistical report of the Salt Lake Stake of Zion for the year ending December 31, 1898 is as follows:

Wards,	21
Branches,	2
Families,	5,838
Members,	25,291
Children under eight years old,	9,275
Total number of souls,	34,566
Families,	5,838
Births,	1,005
Deaths,	265
Individuals drawing support,	1,681

ELDER CHARLES W. PENROSE.

Elder Charles W. Penrose said: The Salt Lake Stake of Zion is in as good a condition and perhaps better than it has been in these last. The presidency of the Stake are united. President Angus M. Cannon consults with the counselors on all matters of importance. I recommend this course to the Saints. The members of the High Council are united. They have never cases to adjudicate upon them formerly. The people are learning to live more at peace with one another; some misconceptions of the Stake are worn of Saints and of faith. They labor gratuitously, pay their own expenses in traveling to all their appointments and attend meetings on Sundays attending to the county and city wards. The Elders' quorums are somewhat deficient in attendance. Many of the Elders who have planned to attend to their duties, are negligent, and a reformation in this matter is desirable. The Ward Improvement associations are in excellent condition; we have also excellent sunday schools; they compare favorably in my opinion, with any in the world. The large majority of Latter-day Saints in this Stake are a good people. A few are not all that they should be in the city we are impressed by many hypocrisies, combinations to lead men astray. The large majority of the people are saints in every sense. The Stake organizations are in good condition. The last meetings are well attended and many Saints pay their dollar, others are not. I am glad to say respect. Brethren and sisters you should observe the fast day attended the general meetings, take part in them, and be blest. The speaker closed by urging all to keep the commandments of God.

PRESIDENT JOSEPH F. SMITH.

President Joseph F. Smith addressed the congregation. He said he felt to bless the Scriptures instead and relate a description of the religious sentiments and the probable origin of the people who inhabited this land in the days of the Book of Mormon, and to the necessity for changes from time to time in the lives of those serving in that capacity. In the days of the Book of Mormon, Covenants and exhorted the saints to faithfulness in obeying the word of God.

The choir sang the anthem:

"God of Israel, hear our prayer;"

the quartet being rendered by Mrs. Lucy Cannon Thomas-Steward, Miss Inez Knorr, Messrs. Ainsworth and Christopherson.

Benediction by Apostle Aaron H. Lund.

NEPTUNE CLAIMS ANOTHER LINER.

New Allan Steamship Strikes on the Rocks.

PASSENGERS ALL SAVED.

While on Her Maiden Voyage Steamship Castilian Goes Ashore During a Dense Fog.

Halifax, N. S., March 12.—The new Allan line steamer Castilian went ashore at Gannet Rock light, near Yarmouth, in a dense fog, her compasses being deranged. Two compartments are full of water, and tugs have gone from Yarmouth to the scene.

The Castilian arrived at Halifax from Liverpool ten days ago on her maiden voyage, and went to Portland to load cargo for return. She is 5,200 net registered tonnage, being the largest Allan line steamer afloat. The ship is in charge of Captain Barrett and officers formerly of the steamer Parisian, the entire crew of the Parisian having been transferred to the new boat. The steamer was due to reach her wharf at 8:30 this (Sunday) evening. The passengers and the crew all saved their baggage. The steamer went on at high tide, which will be in her favor. The place of the disaster is a few miles from where the Motorian of the Allan line struck a few years ago.

The first and second holds are full of water. The steamer is aground aft to the engine room and there is six feet of water in the forward hold. There is six fathoms of water under her aft. The captain, three mates, the steward, engineers and officers of the crew remain aboard, and three tugs are standing by. The steamer was floats inline out of her course, with a fresh southwest wind, which would become the northwest. The weather has remained moderate all day, but if the wind changes there is no hope of the steamer ever coming off, except with a fair amount of salvage of the cargo.

The Allan's agent at Halifax has chartered the steamer Delta and City of Ghent to go to the scene of the wreck tomorrow. The one of the government lighthouse steamer Aberdeen has also been ordered out.

The passengers and crew will leave Yarmouth tomorrow morning to take the coast steamer Yarmouth for Halifax. They speak in the highest terms of the discipline maintained after the ship struck. She had been moving slowly, with a sharp outlook in the bow, when the fog lifted and left her high and dry on the rocks. All hands then went to Cape Sable, which they feared they might be nearing. Nothing of white or blue lights was heard or seen and no cry of land until the shock, which was so light that many passengers thought it was a heavy wave. Engines were reversed, but when it was found the steamer held fast, the boats were got ready and the sleeping passengers awakened and told to pack up, in case it should be necessary to send them ashore.

Splendid coolness was displayed by the whole crew and passengers. Breakfast was served and at daylight the first officer and purser went ashore in a small boat to Yarmouth. They drove nine miles to Yarmouth and telegraphed the news. By this time the passengers were waiting for tugs. The sea began to run high and the rolling of the ship made matters unpleasant for the ladies. Charles A. Sturbard Douglas, a returning Jesuit missionary, conducted an impromptu service on the deck in his Roman vestments. The afternoon tugs were launched and the passengers and crew taken off in them. Shortly after the arrival of the last tug-load, at 6 o'clock, all hands left the ship, the captain, engineers and some of the crew were safely taken off and conveyed to Yarmouth.

Outside Yarmouth differ as to floating the ship. The chances are favorable if the weather continues moderate. The work of discharging the cargo commences tomorrow. A large number of sheep in the forward holds have been found drowned, and the smaller cattle have thrown up the dining saloon deck.

Portland Me., March 12.—The Castilian sailed from this port at 1 p. m. Saturday. The ship itself is valued at about $700,000 and her cargo at 1450,000. This is the most valuable cargo the Allans has ever shipped from Portland. The principal items were grain and provisions.

Among the passengers were Captain T. C. Arbuthnot, Rev. Lord Archibald Douglas, London, England; George A. Barnes, Fall River, Mass.; Fred Beckett, Fred Fowler, Miss M. J. Frith, Miss Irene Gardner, Samuel Hurd, Mrs. Hurd, Colonel J. B. MacLean, M. Philippe Casgrain, Quebec; Rev. J. E. Reilly, Jr., William White, Montreal; Arthur J. Forward, Mrs. McLeod Stewart, Miss Miss Stewart, Ottawa, Dr. Stewart, Ottawa, Mrs. Bisset Hime, Hemmings, Quebec; Rev. R. W. Morrison, Mrs. Morrison, Deseronto, Ontario; William Hendrie, J. Hendrie, Miss Maud Hendrie, Hamilton, Ont.

SCIENTIFIC MISCELLANY.

Marine Life Carries Intelligence—Mountain Flowers—Stamping Out a Scourge—The Greatest of Stars—A New Field in Perspective—Dark Days—Big Guns—Engraving Chemical Air-Making — Improved Color Photography

The Mediterranean snail-fish known as the piona, attaches itself to rocks by viscid fibers that are sometimes collected and converted for use as silk, a fabric of which is said to be made at Otranto capable of great fineness and delicacy of thread. This is sometimes dyed and woven into a fabric which is said to be curiously beautiful, golden brown, shading off to russet silk. Specimens of this material are being largely attracted a great deal of attention at the Berlin Royal Museum. The fibers are said to be very strong, as from 1,000 to 1,200 shells must be torn from the rocks to secure a pound of the fiber.

A McKean carries (Anhaltinum lewisii) is eaten by Indians during their festivals. Dr. Dixon, who has been testing upon himself the extraordinary powers of this plant, reports that the effects of the drug are first felt in the air, sound filled with sugar odors of perfumes, a halo of material sounds surrounded him, and a marvelous display of color and brilliant colors passed clearly before his vision.

Unexpected physiological effects have been noted by Prof. Angelo Mosso, of Turin, from living at an altitude in the Alps of 14,000 feet. He was able to do hours work there at one-third the loss of increase in the rate of breathing even after severe muscular exertion. He has been led to the conclusion that mountain sickness is due to lack of carbonic acid in the blood rather than to insufficiency of oxygen.

The war waged by English officials in Cape Colony is resulting in the saving of tens of thousands of innocent creatures and millions of pounds sterling. Not less than 98 per cent of the cattle are infected with the rinderpest, including those inoculated. The general mortality is 95 per cent, but the disease where the preventative bile process has been used, 995,775 head of cattle have been inoculated with the result of only 8½ per cent.

A new law in world formation has been worked out by Dr. T. J. J. Lee, who finds that "the absolute temperature of a gaseous star or nebula contracting under its own gravitation, varies inversely as the radius of the contracting mass." At first, when the nebula is infinitely expanded, the temperature is the absolute zero of space, but it gradually rises until the mass has contracted to the maximum consistent with gaseous condition, when solidification beginning, contraction is interfered with and finally stopped and the temperature falls. The body becoming again dark. This law is found to agree well with observation. When the nebula is much extended, gravity is small and the various constituents float freely, but on further condensation the heavier elements sink—the appearance of numerous elements in the spectra of red stars and the predominance of the light element hydrogen in the outer envelope of white stars being thus explained. The dark companions of variable stars are accounted for by the difference in mass of the two bodies of the same age. Assuming the present heat of the sun to be 5,000° C. Dr. Lee calculates that the temperature of the central nebula at the time of the separation of the earth was less than 6° C., from which the gaseous earth under contraction rose to 2,000° C., which would be sufficient for observed geological phenomena. The sun is held to be still gaseous but hotter, Jupiter and saturn to be still gaseous and condensing, with the prospect of becoming self-luminous. The theory confirms the evidence of physiography, which, traced through nitro-violet light nebulæ invisible in telescopes, and indicated that fewer nebulæ than stars are known, contrary to what the nebular hypothesis would lead us to expect—simply because many are cool and invisible.

The glamour and mystery of an unreal world—a delicious oriental dreamare suggested by Dr. J. L. Gerding's use of sound and color in therapeutics. The treatment is primarily intended to give vigor to those who complain of getting no benefit from sleep, and it consists in throwing rapidly-changing lantern images of many colors upon a screen at the foot of the couch, while harmonic tones are produced and boiling water is made to simultaneously at a distant room in connection to a Helmet worn by the sleeper.

The Lowndes carriage of Vaucanson—exhibited to Louis XV in 1746—was driven by a huge clock-spring, only about trips without winding being possible. The most remarked that of the modern automobile.

The urgent need of a better automatic feed apparatus for water-tube boilers is pointed out by a trade journal as a pressing opportunity for engineering ingenuity. The task of filling the need is made difficult by the extreme sensitiveness of such boilers to fluctuations of water level. The water is evaporated quickly because its quantity is small, and one end of the boiler must receive a constant feed of water while the steam is being drawn off. Even an interruption of the feed for even two or three minutes being likely to prove disastrous. The automatic device should be more reliable than any now in use, with no delicate parts to become deranged.

A secret substance claimed by M. Jaubert, a French chemist, is expected to simplify operations in submarine boats and diving bells. This remarkable product removes from closed chambers the carbonic acid and other products of respiration, and supplies automatically an exact equivalent of pure oxygen in exchange. Only six or eight pounds are required to keep a person alive seventy-four hours in a hermetically closed space.

For the process of color photography of a Russian student of Mr. Ives' camera taking three negatives at once is used. The shades of blue produce the strongest effects on the first, those of the reds on the second, and the yellows on the third. From these are accurately printed three positives on transparent films. The films are then placed together, one above another, and the result is claimed to be a perfect picture in the colors of nature.

Local germ affections are to be treated by M. Pierre Apery, a Constantinople physician, by the application of light on the seat with a burning glass. He believes this phenotherapy will effectively destroy the microbes of cancer, tuberculous ulcerations, and especially of lupus, and he proposes also to try the rays of the spectrum.

A chemical effect of magnetism on other substances than iron has been reported by Herr Jahr, a German physicist, after experiments with ultramarine blue. The action resembles that of certain light rays.

Malt-Nutrine

—when you're had the grip and feel the languor and lack of appetite that follows—quickly restores normal conditions. Made by Anheuser-Busch Brewing Ass'n.

To allay pains, subdue inflammation, heal foul sores and ulcers, the most satisfactory results are obtained by using BALLARD'S SNOW LINIMENT. Price, 25 cts. and 50 cts. E. C. M. I. Drug Dept.

Before the discovery of One Minute Cough Cure, outsiders were greatly disturbed by coughing congregations. No excuse for it now. F. C. Schramm, McCornick building, corner Main street, First South.

If your child is cross or peevish, it is no doubt troubled with worms. WHITE'S CREAM VERMIFUGE will remove the worms, and its tonic effect restores its natural cheerfulness. Price, 25 cents. E. C. M. I. Drug Dept.

NICE AND SWEET.

If you want to keep your refrigerator sweet and clean use P. V. Ice Tel. 46. Mountain Ice Co. F. A. Stearns, Mgr.

Children who are troubled with Worms are pale in the face, fretful by spells, restless in sleep, have blue rings around their eyes, bad breath, variable appetite, and pick the nose. WHITE'S CREAM VERMIFUGE will kill and expel these parasites. Price, 25 cents. E. C. M. I. Drug Dept.

Have you a cough? A dose of BALLARD'S HOREHOUND SYRUP will relieve it. Price, 25 cents and 50 cents. E. C. M. I. Drug Dept.

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