

TO FIND ORE BELIEVED TO BE THE UNIQUE INVENTION OF A SALT LAKE MAN.

Believes He Has Sure Way of Detecting Ores in Earth.

Bases Theory of Operation on Difference of Electrical Conductivity Where Metals Exist.

R. L. White, an electrician at present in the employ of The Tribune, with two companions, will leave Salt Lake March 1 on a prospecting tour, in the course of which he expects to demonstrate the value of an electrical ore-finder, which he has but lately perfected.

Experimented for Years.

Mr. White has been experimenting for a number of years with the idea of using electricity as a means of detecting the presence of certain mineral ores invisible to the eye, basing his theory on the difference of the electrical conductivity of the earth, due to the presence of metal ore.

First Trial Failed.

The first trial of this method was made last spring in Red Butte canyon, near Fort Douglas. On account of a subterranean stream running through the canyon the trial was unproductive of results beyond demonstrating some technical points regarding the construction and adaptability of the invention.

Tells How It Is Done.

"In the White system there are two stations, the transmitter and the receiver. At the former there is a battery of six volts, a special form of breakwires and a glass condenser. The current is led through the breakwires to a series of two iron spikes driven several feet into the ground. The receiving set comprises two metallic plates connected to an induction coil and telephone receiver. By listening in this receiver the operator detects the varying sound waves as they pass through any ore concealed in the earth."

New Field for Engineers.

"It will, of course, be necessary to install mining engineers and prospectors in the use of the instruments and the detection of the presence of the electrical sound waves. The whole outfit is, however, simple and can be operated by any one who has the most ordinary knowledge of electricity could in a very short time become entirely conversant with it."

Attias Misrepresented.

Greek Papers in the East Are Imposed Upon.

The fight against Dr. Attias and his attempt to organize the Greeks of Utah and bring them into the Western Federation of Miners has taken a queer turn.

The last number of the Atlantis, a well known and widely circulated sheet, contains a long article stating that Dr. Attias is now doing time in the county jail.

Sufferers from sciatica should not hesitate to use Chamberlain's Pain Balm.

Returned Apostles Speak at Tabernacle

Irrigation, Missionary Work and Marriage Are Subjects Touched Upon.

Apostle Charles W. Penrose and Apostle John Henry Smith were the speakers at the Tabernacle yesterday. They talked of their visit to Mexico. "It may seem strange," said Apostle Penrose, "for a man to get up here and talk about the meeting of the irrigation congress, but the Mormons consider the soil a part of God's work."

Why Chinks Don't Whistle

"Mellican" Snake Charmer Hoodooed Entire Celestial Nation.

Did you ever hear a Chinaman whistle? If not, did you ever pause and wonder why not? Of all the people that inhabit this terrestrial sphere, the sons of Confucius are the only ones who do not occasionally express their feelings by whistling.

FOR MERCHANT MARINE.

Cleveland League Advocates Government Aid for Ships.

CLEVELAND, O., Dec. 11.—The Merchant Marine League of the United States has sent out a statement setting forth the views of the league in its efforts to rehabilitate the merchant marine of the United States.

City and Neighborhood

A COMMITTEE of line officers of the Utah National Guard yesterday pointed to consider the advisability of amendments to the present military code.

GEN. BALDWIN ARRIVES.

Commander and Party Reached City Late Last Night.

Brig.-Gen. Baldwin and party came in from Denver last night over the Denver & Rio Grande. The party arrived shortly after midnight and went straight to the Kenyon hotel, where they will stay during their visit to Salt Lake.

CASTORIA.

The Small Items

Substantial Gifts.

PERSONAL MENTION

President Kerr of the Agricultural college came down from Logan last night. He spent the night at the Kenyon.

Our lines of gloves, handkerchiefs, suspenders, mufflers, fancy hosiery, etc., attract the holiday buyers.

Original "Manitou" Table Water.

Our lines of gloves, handkerchiefs, suspenders, mufflers, fancy hosiery, etc., attract the holiday buyers.

Expert piano tuner leaves Dec. 15 for two months' visit in California.

Burton Coal & Lumber Co.

Salvation Work Shown on Canvas

Large Crowd Hears Lecture by Col. French on Achievements of the Army.

Two pictures shown at the lecture delivered by Col. French of the Salvation army last night in the Salt Lake theater spoke more than whole volumes could of the results achieved by that organization. One of them showed the first meeting of the Salvation army. At this Gen. and Mrs. Booth were the only soldiers. A mere handful of serious spectators are represented looking on the meeting.

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The decadence of our foreign marine is a fact recognized in political platforms and variously on all hands. Two things go hand in hand: A merchant marine sufficient to prevent undue dependence on foreign help, and a navy adequate in time of peace to furnish the assurance and, where necessary, protection to our commerce.

AMUSEMENTS

Change in Law Firm.

D. N. Straup withdraws from the law firm of Powers & Straup, on the first day of January, 1905, to assume the duties of Justice of the Supreme court.

FUNERAL OF MRS. TAYLOR.

Funeral services over the remains of Mrs. Elmira S. Taylor, wife of Bishop George H. Taylor of the Fourteenth ward, were held yesterday morning in the assembly hall.

ITS RECORD MONTH.

BELL TELEPHONE CO.

During NOVEMBER, added 614 new subscribers in Salt Lake, giving a total of 7001 subscribers. Equal to ten telephones to every hundred of population.

STORM IS DUE.

Public Long-Distance Telephones, with sound-proof booths. Telephone building, State street, city.

Former Secretary Gage Ill.

New York, Dec. 11.—Former Secretary of the Treasury Lyman J. Gage is ill at his home in New York.

Bombardment Renewed.

ST. PETERSBURG, Dec. 11.—Bombardment of Port Arthur by Japanese forces was renewed yesterday.

Federal Judge to Retire.

WASHINGTON, Dec. 11.—A dispatch to the Post from Hagerstown, Md., says that Chief Justice Richard Alvey of the Court of Appeals of the District of Columbia, has announced that he will retire from that position December 31. He is 71 years old.

The First Selections

From holiday lines insure more satisfactory results. The gloves, handkerchiefs, suspenders, mufflers, etc., are waiting your selection.

FOR THE HUNTING GILL

Old Story With New Features.

Charles L. Gill Joined Theatrical Company to Hunt Lost Brother.

Had Clue in This City But It Shed No Light—Will Continue Search.

Charles L. Gill is coming down America to find his brother. Missing heir to a fortune, his brother hidden from all those who once knew him.

Joseph L. Gill is the name of the missing man. He left some years ago. He had everything he wanted, so far as pleasure and good environment go. But for some strange reason the gold fever had laid hold of him.

Left Home to Hunt Gold.

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Defense of Christian Science Healing

Ogden Scientist Says All Diseases May Be Cured by Faith and Prayer.

To the Editor of The Tribune.

OGDEN, Dec. 9.—In your issue of the 14th inst. there was published under the attractive headline, "Healer Falls on Diphtheria," a report from Stamford, Conn., of the death of Caleb Litchfield, Jr., whose parents are Christian Scientists. While the report gives mainly the facts in the case, the manner in which they are stated gives a wrong impression concerning Christian Science practice, which I seek to correct.

Doctor Calls Too Late.

It is well known, even in our own beautiful city, and under all phases of religious belief, that many cases of contagious diseases were not discovered to be such and the "doctor was called too late."

HUNT ENDS TWO LIVES.

Boy Found Senseless in Woods Across Body of His Father.

RICHMOND, Va., Dec. 11.—After hours of searching the body of Jefferson Rose was found on a lonely wooded hill near Millard, Dickinson county, where he lived. His son, 7 years old, senseless from cold, lay across his father's body. The boy died in three hours.

SPANKED AT INITIATION.

Audience of Four Hundred Women Witnesses Frolic at Art Institute.

CHICAGO, Dec. 11.—Before an audience of 400, at the Art Institute last night, twenty-three girl students were spanked as an initiation. There was only one man present. He was Dr. William R. Harper, and he neither blushed nor cracked a smile, but looked straight ahead. He was in oil and gazed out from a gold frame. There was a great frolic for the women, however. The initiates crawled the gauntlet on their hands and knees beneath a succession of arches formed of overturned chairs. The girls moved south, and the initiation was delivered from that position. When they entered, in black skirts and gunny sack jumpers, they saw King Arthur, Archbishop of Canterbury and twelve knights of the round table waiting for them. Immediately the crawling began. Each drew a chastisement, and every slap brought cheers.

HEAVY SNOW IN CHICAGO.

Traffic on Car Lines Impeded by Large Drifts.

CHICAGO, Dec. 11.—The heaviest snowstorm in Chicago this winter reached here this morning and by night four inches of snow covered the ground. A high wind drifts, scattering the use of snowplows on several railroads running out of Chicago.

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Auto Built Just Like a Pullman

Wonderful Palace Car on the Way to Millionaire Owner in California.

Pullman palace automobiles are the latest things to be introduced in the West. Palaces on wheels for the railroads have not been out of the ordinary in this country for some time past.

Large Majority Given President

Roosevelt's Popular Vote Exceeds McKinley's by 400,000.

NEW YORK, Dec. 11.—The tally of the vote at the Presidential election at the last Presidential election is complete except as to one county in Tennessee and four counties in Michigan, which estimates are given, show President Roosevelt defeated McKinley by 2,546,169. He polled the largest vote in the States, 7,640,563. This is more than in excess of the vote cast for McKinley in 1900.

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