

THEORY OF MINE EXPLOSIONS.

Disasters Said to Occur the Same Hour in Certain Altitudes.

Experts who have investigated the recent mine disasters in the United States have decided that the explosions are caused by climatic conditions.

Supporting the position taken, it is a noticeable fact, they say, that the recent catastrophes have occurred at about the same hour in the day, in a zone of certain altitude, in about the same longitude and in places where climatic conditions are similar.

The majority of the mines operated today are below the level of the streams in the same sections, and, owing to the moisture, the outside air forced into the mines by the fans has been laden with carbon dioxide, moisture and other impurities.

It is suggested that if the air forced into the mines was allowed to gather from a higher stratum and was heated sufficiently and otherwise treated to remove the impurities, the accidents would be less numerous during the change of seasons.

Proper ventilation with this purified air, it is believed, will remove to a great extent the coal dust and explosive gases which are found to a certain extent in every mine.

LITTLE GIRL'S FACE COVERED WITH ECZEMA.

Cured by Zam-Buk.

The following cases testifying to the marvellous cures brought about by Zam-Buk is convincing argument that in Zam-Buk we have the very best skin cure offered to this or any other country.

Mrs. A. E. Grass, St. Catharines, says: "One box of Zam-Buk healed my LITTLE GIRL'S FACE of Eczema. We use it for Cuts and Sores also."

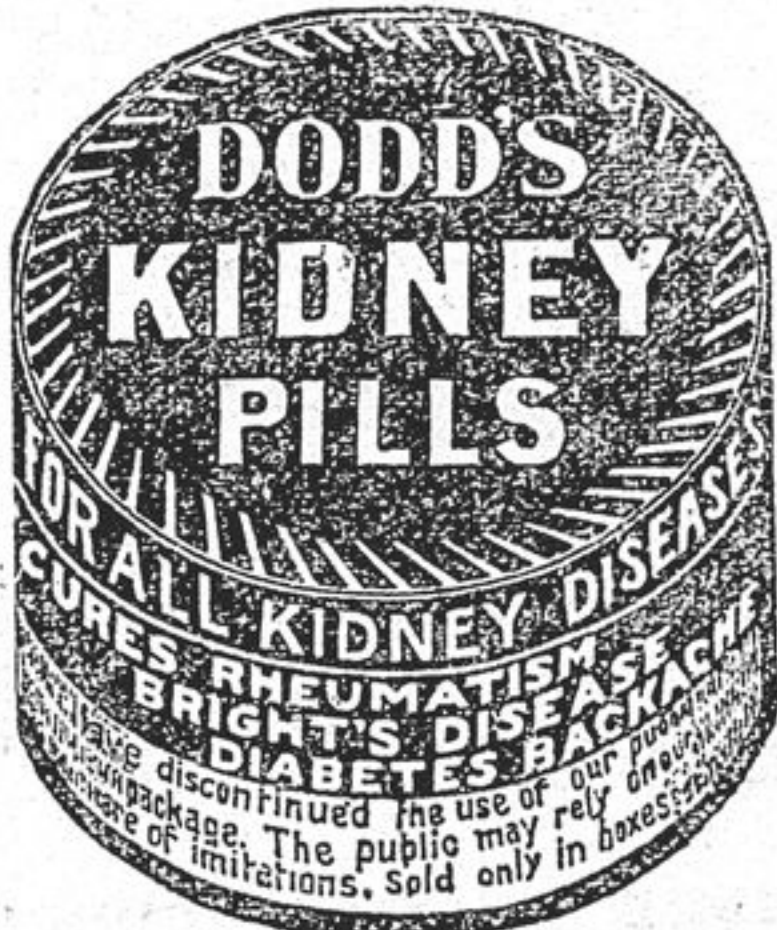
Mrs. G. A. Kerr, Denbeigh, Ont., says: "My Baby's Legs were so bad with Eczema that I could not keep stockings on her. A box of Zam-Buk cured her after the Doctor had failed."

Dame J. R. Smith, Hawkesbury, Ont., writes: "After three applications I was better of Eczema and before I had used half a box, I was cured."

Zam-Buk cures Cuts, Burns, Scalds, Ulcers, Ringworm, Itch, Barber's Rash, Blood Poison, Bad Leg, Salt Rheum, Abrasions, Abscesses and all skin injuries and diseases. Of all stores and druggists at 50 cents or from Zam-Buk Co., Toronto, for price, 6 boxes for \$2.50.

EARTHQUAKE-PROOF HOUSE.

Colonel Henry E. C. Kitchener, Lord Kitchener's eldest brother, who resigned from the British Army several years ago to become a banana planter in Jamaica, is now in England purchasing material for the construction of an earthquake-proof house on the "Kitchener" model. Colonel Kitchener's residence in the suburbs of Kingston was badly damaged by the earthquake. He has decided to build a house with walls composed of rows of drain pipes placed on end and filled with cement, with layers of cement between, with a casing of cement on the outside and thin wood inside. He declares that this combination will resist any earthquake.



Every Woman is interested and should know about the wonderful **MARVEL Whirling Spray**. The new Vaginal Sprays. Best—Most convenient. It cleanses instantly.

Ask your druggist for it. If he cannot supply the **MARVEL**, accept no other, but send stamp for illustrated book—sent free. Full particulars and directions in relation to its use.

WINDSOR SUPPLY CO., Windsor, Ont. General Agents for Canada.

QUEEN CITY WATER WHITE OIL

Gives Perfect Light.

FOR SALE BY DEALERS EVERYWHERE.

MOST WONDERFUL WATCH.

An Astronomical One Made in 1794 By a Workman of Mayence.

The Clockmakers' Journal of Berlin, Germany, mentioned in 1903, a pamphlet which had been published in Italy forty-five years ago, and which had described the most wonderful watch in the world, an astronomical watch, made by Joseph Weidenheimer, of Mayence, in 1794, for the mayor of that city.

The watch is fifty-four millimeters in diameter and has two gold lids covering a front and a back face. The front face shows the hours and the minutes of the true time by the sun and medium time, the day of the week and the day of the month. The watch is intended to be wound up every day, but it goes for forty hours.

The sun in its apparent course describes an ellipse, not a circle, and therefore our watches do not always coincide with the sun. Our true time is fixed by the sun passing the meridian, but our timepieces show only medium time, and they coincide with the sun only four times in a year—April 14, June 15, Aug. 31, Dec. 23. Between times the sun is sometimes behind, sometimes in advance of the clock, and that is shown exactly by a hand which moves on a curve constructed on the table of equations.

Another hand shows the day of the month, and is regulated in such a manner that in months of thirty days it skips the thirty-one and passes on to one, and in leap years passes from Feb. 29 to the first, in other years from Feb. 28 to the first day of the following month. What seems more wonderful still is that when this hand is regulated forward or backward for months or years it always acts automatically for the February and for leap year. Another shows the days of the week, which are marked in Italian. Another is for regulating the watch when it advances or gets behind time.

Still another hand shows the course of Venus, which takes 583 days 22 hours 7 minutes 6 seconds to get around the sun. When the Venus hand is behind the sun hand then Venus appears as evening star; when it is in advance it appears as morning star.

The moon hand completes its course round the dial in 27 days 7 hours 43 minutes. This hand's motion is faster during the days from full moon to new moon, slower from new moon to full moon. When the moon hand forms an angle of 90 degrees with the sun hand the moon is in the first quarter; when it is opposite the moon is full, and when the moon hand is under the sun hand it is new moon. The watch can be moved back to any date of the calendar, and then be wound up again to the present date. It is said that it has never been out of repair since the day it was made.

A CHANGE IS NEEDED.

Through the long winter one needs a change. Why go South when "The Welland," St. Catharines, offers an environment at moderate cost which will minister to tired nerves and worn out bodies? Try the tonic influence of "The St. Catharines Well" and the restful influence of "The Welland."

Apply the manager, St. Catharines, or any Agent of Grand Trunk Railway System.

BRAINLESS.

Gerald: "My head troubles me a good deal."
Geraldine: "Well, you have the satisfaction of knowing that it can't be any internal trouble."

An old North-Sea skipper, who was asked to buy a number of life-belts for his vessel's use, waxed eloquent in the sublimity of his contempt. "Take 'em away!" said the old "salt." "Don't let me see such 'longshore rubbish on my decks. I don't want no life-belts, nor no smelling-salts, nor no eau-de-Cologne, nor no feeding-bottles, or fans aboard of me. Them as sails in my ship has got to slick to her as I do; and if she goes down, why I expects them in duty-bound to go along with her."

"Yes," said the bride of a week, "Jack tells me everything he knows, and I tell him everything I know." "Indeed!" rejoined her ex-rival, who had been left at the post. "The silence when you are together must be oppressive."

Impossible to Find. A plaster equal to "The D & L" Menthol. For side ache nothing equals it. \$1 yard roll cuts 7 plasters. Mailed on receipt of price. Davis & Lawrence Co., Montreal.

IMPOSSIBLE.

"It's hard for a woman to be out at the elbows in winter."
"That's the curse of poverty."
"Not poverty! style."

Where Weakness is, Disease Will Settle.—If one suffers from any organic weakness, inherited or contracted, there disease will settle when it attacks the body. Therefore drive out the pains that beset you, do not let a cold or a cough harass you, and keep the respiratory organs in a good healthy condition. This you can do by using Dr. Thomas' Electric Oil. Prevention is the wisest course.

"How is it that a strong man like you cannot get employment?" a lady asked a tramp. The mendicant replied: "Ah, mum, yer see, people wants references from my last employer, an' he's been dead about twenty years!"

"Molly: "Do you know, I called to inquire for that rich uncle of mine this afternoon, and found that he was a great deal better." Kate: "Now, didn't I tell you not to call on a Friday? Friday's always an unlucky day."

Beer makes a man fat; but, on the other hand, it makes him lean if he has anything to lean against.

CATARRH OF HEAD

Which Peruna Relieved in a Short Time.



MISS SUSIE M. KINGSWORTH.

MISS SUSIE M. KINGSWORTH, 466 Quebec St., London, Ontario, writes:

"I began using Peruna last January, when I had such a bad cold, and I could not get anything to help me.

"My nose and head were all stopped up, so that I could hardly get my breath. I thought at times that I would smother, especially at night.

"I have no trouble with that now. The noise in my head has all disappeared.

"I know Peruna will do just what you say it does. I cannot praise Peruna too highly, as it has done so much for me. I hope my letter will reach other sufferers."

Mrs. S. J. Kounz, 1015 Scovel street, Nashville, Tenn., writes:

"I have had a very bad cough nearly all my life, and I am forty-five years old. I have taken almost every kind of cough medicine that has ever been made, but none did me much good. I would have spells of coughing that I thought I would cough myself to death. I took Peruna, and last winter and this winter I have had no cough and I know that Peruna cured me."

Ask Your Druggist for Free Peruna Almanac for 1908.

WHAT INDEED?

Tess: "Miss Mugley said she paid \$15 a dozen for those photographs of herself."
Jess: "But they don't look a bit like her."
Tess: "Of course not. What do you suppose she paid \$15 for?"

Corns cause intolerable pain. Holloway's Corn Cure removes the trouble. Try it and see what amount of pain is saved.

SNORER.

"Here!" growled Mr. Kadley, "what do you mean by waking me out of a sound sleep?"
"Because," replied his wife, "it was such a distressing sound."

The Luxury of a sound throat and robust lungs is most keenly enjoyed by people who, having suffered from a "little cold, you know," have been rescued from misery and danger by Allen's Lung Balm.

ANOTHER FATAL ERROR.

Myer: "I saw a mule try to run away with a cart loaded with pig iron, but he couldn't budge it."
Gyer: "Another case of 'didn't know it was loaded,' eh?"

For the Overworked.—What are the causes of despondency and melancholy? A disordered liver is one cause and a prime one. A disordered liver means a disordered stomach, and a disordered stomach means disturbance of the nervous system. This brings the whole body into subjection and the victim feels sick all over. Parmelee's Vegetable Pills are a recognized remedy in this state and relief will follow their use.

A DESERVED REBUKE.

Mrs. de Close: "Willie, what have you been doing?"
Willie: "I bin skatin'."
Mrs. de Close: "Nonsense! You haven't been out of the house."
Willie: "Well, I bin skatin' on make-believe ice with the skates you promised me last birthday."

A tricky Irishman was leaning against a post when a funeral procession passed. "Who's dead?" someone asked. "I don't know," answered the Irishman, "but I presume it's the gentleman in the coffin."

Get acquainted with **Black Watch** the big black plug chewing tobacco. A tremendous favorite everywhere, because of its richness and pleasing flavor.

FACTORY

—WITH—

Power, Heat, Electric Light, to Lease for a Term of Years.

Central location. About ten thousand square feet in four floors and basement. Excellent shipping facilities Standard Fire Sprinkler System. Low insurance rate.

MURRAY F. WILSON, 81 Adelaide St. West, Toronto

MISUNDERSTOOD.
"How many people work in your office?"
"Work! Perhaps two-thirds of them!"

Something More Than a Purgative—To purge is the only effect of many pills now on the market. Parmelee's Vegetable Pills are more than a purgative. They strengthen the stomach, where other pills weaken it. They cleanse the blood by regulating the liver and kidneys, and they stimulate where other pill compounds depress. Nothing of an injurious nature, used for merely purgative powers, enters into their composition.

FOR THE DEFENCE.
A Babu attorney for a woman accused of assault and battery delivered this speech recently in one of the Indian courts. The gentleman was attacking the opposing attorney, and delivered himself thus: "My learned friend with mere wind from a leapot thinks to brow-beat me from my legs. I only seek to place my bone of contention clearly in your honor's eye. My learned friend vainly runs amok upon the sheet anchor of my case. My poor client has been deprived of some of her valuable leather (skin)—the leather of the nose. Until the witness explains what became of my client's nose leather he cannot be believed; he cannot be allowed to raise a castle in the air by beating upon a bush."

A Quick Recovery from Fever and all sickness is always the case when "Ferrovin" the best tonic is used. It builds, it strengthens, it gives new life. Try it.

Some men are kept so busy trying to make a living that they haven't time to live.

The superiority of Mother Graves' Worm Exterminator is shown by its good effects on the children. Purchase a bottle and give it a trial.

Mistakes are funny only when other people make them and they don't hurt us.

If a dog bites you don't be scared. Bathe the wound with cold water and cover it with a cloth on which Weaver's Corate has been freely spread. The Corate relieves the pain caused by the sting of insects.

"You want me to tell the whole truth?" asked the witness. "Certainly," replied the judge. "The whole truth about the plaintiff?" "Of course." "Might I ask how long does this court expect to sit?" "What difference does that make?" "It makes a lot of difference. I couldn't tell the whole truth about that scoundrel inside of a week, talking all the time."

While more prevalent in winter, when sudden changes in the weather try the strongest constitutions, colds and coughs and ailments of the throat may come in any season. At the first sign of derangement use Bickle's Anti-Consumptive Syrup. Instant relief will be experienced, and use of the medicine until the cold disappears will protect the lungs from attack. For anyone with throat or chest weakness it cannot be surpassed.

EVEN.

"Homely as you are," said her husband, "I love you as well as if you were pretty."
"Fool that you are," rejoined his wife, "I love you as well as if you had sense."

ITCH, Mange, Prairie Scratches and every form of contagious Itch on human or animals cured in 30 minutes by Wolford's Sanitary Lotion. It never fails. Sold by all Druggists.

CHANGED HIS TASTE.

The Empress Eugenie, whom Napoleon III. chose to share his throne, had a ready wit, which, although it never veiled a sneer, often confused those on whom it was directed. The late Dr. T. W. Evans tells in his reminiscences the story of a distinguished Senator, who, on being asked what he thought of the speech in which Napoleon had declared his marriage intention to the Deputies, replied:

"A fine speech—excellent; but I prefer the sauce to the fish," meaning that Napoleon's words were better than his choosing of a bride.

Some weeks later, at a dinner given at the Tuileries, this Senator was seated next to the empress, who, observing that after having been helped to the turbot he declined the sauce, said to him, smiling roughly:

"Monsieur, I thought it was the sauce you liked, and not the fish."

With rare presence of mind the Senator hesitated but a moment. "A mistake, madame," he said, "for which I am now trying to make amends."

BERMUDA FOR PROGRAM OF TOUR WRITE F. Withrow, B. A. TORONTO.

CAPAC GOLD MINES CO., LTD.
Capital \$10,000,000. Shares \$10.
To investors with small capital desirous of safe investments for their funds yielding large returns we offer shares on the following terms:
50% upon subscription.
25% Feb. 1, 1908.
25% May 1, 1908.
Write at once for particulars of this proposition before entire stock is sold.
J. J. VAN NOTE, Treas., 161 Summer St., Boston.

THE PEDLAR PEOPLE

Steel Side-Walls for Modern Homes

Far surpasses wood, plaster or paper in beauty—matches perfectly any art scheme—any color scheme—makes the rooms REALLY sanitary—gives protection against fire—these are some of the reasons why YOU should have a house—why any modern building anywhere should have **PEDLAR ART STEEL SIDE WALLS**. Cost little—last indefinitely. Let us send you the whole tale in print and pictures. The book is free. 203

The PEDLAR People (Incorporated 1861)
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THE NEW FIREPROOF
HOTEL NAVARRE
7th Ave. and 38th St.
300 FEET WEST OF BROADWAY.
Maximum of Luxury at Minimum Cost

Accessible, Quiet and Elegant. Within Five Minutes' Walk of Theaters, Shops and Clubs. New Dutch Grill Rooms Largest in City. Cable Cars Pass Hotel to all Railroads. European Plan. \$1.50 per day without bath, \$2.00 per day with bath. Suites \$3.50 upwards. Send for Booklet.

STEARNS & DABB, Props

A HELPFUL CHILD.
Little Frank, watching nurse empty a hot water bag, asked why she blew air into it.
"It keeps the sides apart, so water will run into it easily."
Later in the day Frankie was discovered holding between his knees a lean, scrawny kitten, while, with cheeks distended, he blew down its throat through a tin pea shooter.
"What are you doing?" nurse cried, rescuing the tortured cat.
"Keepin' her sides apart, so's she can drink milk," responded the young philosopher.

NO CAUSE FOR COMPLAINT.
"My good man," said the philosopher to the laborer who was mowing weeds on a vacant piece of real estate, "do you ever have occasion to complain of your lot?"
"No, sir," answered the honest son of toil. "I don't own this lot."

Use Shiloh's Cure for the worst cold, the sharpest cough—try it on a guarantee of your money back if it doesn't actually CURE quicker than anything you ever tried. Safe to take, nothing in it to hurt even a baby. 34 years of success commend Shiloh's Cure—25c., 50c., \$1.

Shiloh's Cure
Cures Coughs and Colds QUICKLY