

Newest Notes on Science

The development of powerful and reliable aeroplane motors has enabled French aviators to do most of their daring flying with monoplanes with a wing spread of not more than 25 feet.

Life savers for rescuing drowning bathers at a California seaside resort are equipped with a motorcycle carrying all needed appliances to enable them to travel long distances quickly.

A seismograph invented by a Russian scientist measures the vertical displacement of the earth by earthquakes, regarded as more important than the horizontal, though never before measured.

Motion picture photographers have proved that it is possible to produce clear films in regions in England where it had been thought impossible because of the foggy atmosphere.

For the use of persons who have writing to do out of doors even when it rains there has been invented a glass box to be suspended from the shoulders and provided with a watertight opening for the arm.

London's attempt to limit the speed of motor omnibuses to 12 miles an hour has proved impractical as when they are geared for this rate they lack reserve power for hill climbing and frequently cause blockades.

To avoid accidents due to water gauge glasses appearing to be full when in reality they

are empty, a glass has been invented with spiral markings that refraction makes appear horizontal when covered with water.

After an investigation the official geologist of the Isthmian canal zone has reported that gold in paying quantities cannot be found in the canal zone and that the territory has no value for mining purposes.

To enable an automobile to pull itself out of a mud hole there has been invented a long strap to be fastened to a buried wheel and some stationary object in such a way that when the wheel is turned the strap forms a track for it.

Of German invention for war purposes is a mine which may be planted in a field until discharged from a distance by electricity, when it projects a few feet into the air a grenade which fires 400 bullets in all directions horizontally.

Automatic delivery of rural mail is provided by a North Dakota man's invention of a car to run on an aerial track, from which it takes electric power, automatically stopping at each house on a route and ringing a bell to announce its arrival.

A new rear signal for automobiles, controlled by the driver, is a four-sided prism to be mounted below a number plate, displaying words indicating that the car carrying it is about to turn to the left or right or to stop, or that there is danger ahead.

CONFUCIANISM STATE MOVE BY YUAN SHI KAI

Philadelphia Mission Secretary Regrets Action but Is Not Surprised

Philadelphia, Feb. 5.—Regret but no surprise was expressed by men here interested in foreign missions when they learned of the establishment of Confucianism as the state religion of China. Much of the organized effort in this country to prevent such action centered in this city.

"There is nothing very surprising in Yuan Shi Kai's action," said Rev. S. Dobbins, missionary secretary of the Baptist Foreign Missionary Society. "I think it is purely a political move. Yuan is in a very precarious position, and I imagine he is willing to take any step which confirms his position with the masses."

"I do not anticipate any trouble for our mission workers as a result, although if the government insists upon their performing any of the formal acts of Confucian worship there will be trouble, for they will refuse and will walk out. It is a peculiar thing that the scholars of China have not decided among themselves whether Confucianism is a religion. It does not treat of God or gods, it has no sacrifices, no prayers. It is rather a system of ethics, treating of the relation of the ruler and subject first, and then of the relation of parent and child."

The Rev. William H. Roberts, formerly moderator of the Presbyterian general assembly, said: "I do not think the move will injure the mission work of any of the Christian churches."

GIRL SAVES TRAIN RUSHING TO DOOM

Dam in Horse Creek, Colo., Breaks and Sweeps Everything in Its Path

Greeley, Colo., Feb. 5.—Damage estimated at almost \$200,000 was done by the breaking of the dam of the Horse Creek reservoir, sending a flood of water over the flats, inundating a strip of land ten miles long by three miles wide.

The flood washed out fifty feet of the Chicago, Burlington & Quincy railroad main track.

The quick action of Dora Shafer, the 18-year-old daughter of Frederick M. Shafer, living a mile from the dam, saved a Chicago, Burlington & Quincy west-bound train from plunging thru a weakened bridge into Box Elder Creek, where the flood was at its worst. She telephoned to Hudson urging that the train be flagged.

Miss Addie Gamon, night operator at the Hudson telephone exchange, picked up the call and notified Keenburg, where the train was held.

U.S. Fish Combine

Federal investigation of what is termed "a combination in the fishing industry in restraint of trade" is contemplated in a resolution submitted to the Seattle Commercial Club last week by Carl A. Ewald of the board of directors. The matter was referred to the fisheries committee.

NO LONGER FEAR OCEAN VOYAGES

European Physician Announces Discovery of Cure for Sea Sickness

Berlin, Feb. 5.—Ocean voyages no longer need be a terror to those subject to sea sickness is, in effect, the announcement made by Dr. Joseph Fischer, a well known heart specialist of Naheim, in a Munich medical weekly. Dr. Fischer reports that as a result of extensive experiments with sea sick passengers he found that the injection of atropine completely cured the worst cases.

During a trip to New York Dr. Fischer made experiments on the way across the ocean to endeavor if possible to determine what sea sickness is and what causes it. He found that the injection of physostigmine produced the exact clinical symptoms of sea sickness and that this was caused by the irritation of the nerves vagus. He then discovered that the injection of atropine paralyzed this artificial mal de mer.

He immediately began experimenting with atropine in real sea sickness, with excellent results in the worst cases. Dr. Fischer says atropine is not dangerous and has no ill effects.

PEOPLE IN PANIC OVER BIG METEOR

Blazing Rock Causes a Terrific Explosion as it Strikes the Earth

Albuquerque, N.M., Feb. 4.—A blazing meteor of large size sped through the sky earthward, striking in the mountains about fifteen miles east of the city at 7:30 tonight.

The meteor exploded with terrific detonation and shook the city with such force as to cause great excitement, many persons believing a terrific explosion had occurred somewhere in the city.

Houses were shaken, while windows and dishes rattled. Telephone messages from the vicinity of where the meteor struck the earth report that the force of the explosion was so intense as to strike terror to residents of the neighborhood. So far as could be learned tonight no damage resulted.

Two Counties for Prohibition

The Canada Temperance Act has been carried in the counties of Welland and Huron, Ontario. This cancels all bar, shop and club licenses in two of the most populous counties in Ontario. Under this act liquor may be shipped into the county from outside. It will be next year before the act comes into force.


PRINTING

Summer is over and the Fall trade has begun. To get your share you must have some sort of printed matter—a circular, folder, booklet or catalogue. Be sure to have that work done properly. You would not send out a shabby salesman to represent you; then don't make the mistake of sending out a poorly printed circular or booklet. We are QUALITY PRINTERS and can produce a piece of printed matter that you would be proud of and which will get results. Try us. Phone 98.

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DAILY NEWS

JOB PRINTING DEPARTMENT



Noblesse Oblige

**Rank imposes obligations—
or—as the French put it—"Noblesse Oblige."**

It is a very natural and right principle that those who by their position in life command the respect of others should deserve it and be worthy of maintaining their position. "Much is expected of those in high station."

But this principle is not confined to persons of noble birth—it has a hundred applications. It applies, for example, to those manufacturers of reputation and prestige who make goods of high quality and who advertise them constantly in the newspapers of the land.

By their advertising they have attained an eminence where the very best in quality and good service is expected of them. They have set a standard and their very business life depends on the constant maintenance of it.

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Well may you place your faith in advertised goods. Well may you give them preference over articles which you can only hope may prove satisfactory.

For the principle of "Noblesse Oblige" is your guarantee of excellence in Advertised Goods.

If you are doing a local business talk over your advertising problems with the Advertising Department of this newspaper. If you are doing a provincial or national business it would be well for you to have the counsel and assistance of a good advertising agency. A list of these will be furnished, without cost or obligation, by the Secretary of Canadian Press Association, Room 503, Lumsden Building, Toronto.

THE ATLIN RAILWAY COMPANY
NOTICE is hereby given that application will be made to the Parliament of Canada at the next session thereof for an act to incorporate a company under the name of the Atlin Railway Company, with power to lay out, construct and operate one or more lines of railway, commencing at a point on the southern end of Atlin Lake and extending to or near the Town of Atlin, following a generally southerly direction to a point on the Taku River where the river intersects the International boundary, and also from a point on said easterly to the southern end of Teslin Lake, all in the Province of British Columbia, with power to construct and operate telephone and telegraph lines and other works for the use thereof, to build and operate vessels, construct and operate wharves, etc., in connection with the undertaking of the company, and to enter into agreements with other companies, and that the works of the company be carried to be works for the general benefit of Canada.
Held at Ottawa, this 9th day of June, 1913.
SMITH & JOHNSTON,
Solicitors for the Applicants,
Ottawa, Ont.

Land District—District of Coast Range 4.
Take notice that Elbert M. Morgan, of Hume Rupert, B. C., occupation prospector, intends to apply for permission to locate the following described lands: commencing at a post planted on the shore of Banks Island, opposite Mink Bay, and situated two (2) miles and three (3) chains more or less north and one (1) mile and seventy-one (71) chains more or less west of A. L. and sixteen (16) chains more or less north three (3) miles and forty-eight (48) chains more or less west of Green Top, thence west twenty (20) chains, thence north forty (40) chains, thence shore of Principe Channel, thence following the shore southerly to point of measurement, containing eighty (80) acres more or less.
ELBERT M. MORGAN,
Held 27th October, 1913.
Held Nov. 17, 1913—Jan. 12, 1914.

Land District—District of Coast Range 4.
TAKE NOTICE that Hume Cronyn, of Hume Rupert, Ontario, occupation manager of a company, intends to apply for permission to purchase the following described lands: commencing at a post planted at the southeast corner of Lot 1968, thence north 80 chains, west 80 chains, north 80 chains, east 80 chains to point of measurement, containing 640 acres more or less.
HUME CRONYN,
Held November 25th, 1913.
Held Dec. 15—Feb. 20, 1914.

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 - Box 13—6th St. and 3rd Ave.
 - Box 14—8th St. and 3rd Ave.
 - Box 15—Junction of 1st, 2nd and 3rd Aves.
 - Box 16—1st Ave., between 8th and 9th Sts. (Knox Hotel.)
 - Box 17—1st Ave. and 7th St. (Central Hotel.)
- CIRCUIT NO. 2.**
- Box 22—3rd Ave. and 3rd St. (Post Office)
 - Box 23—3rd Ave. and McBride St.
 - Box 24—1st Ave. and McBride St.
 - Box 25—2nd Ave. and 2nd St.
 - Box 26—2nd Ave. and 6th St.
 - Box 27—G. T. P.
- CIRCUIT NO. 3.**
- Box 31—5th Ave. and Fulton St.
 - Box 32—Borden and Taylor Sts.
 - Box 34—7th Ave. and Fulton St.
 - Box 35—9th Ave. and Comox Ave.
 - Box 37—8th Ave. and Dodge Pl.
 - Box 38—6th Ave. and Thompson St.
- CIRCUIT NO. 4.**
- Box 41—4th Ave. and Emmerson Pl.
 - Box 42—5th Ave. and McBride St.
 - Box 43—5th Ave. and Green St.
 - Box 44—6th Ave. and Basil St.
 - Box 45—7th Ave. and Eberle.
 - Box 141—7th Ave. and Young St.

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