MISCELLANEOUS.

THE CELEBRATED BAKING POWDER

IS A PURE FRUIT ACID POWDER It contains neither alum, lime, nor ammonia

and may be used by the most delicate constitu-tions with perfect safety. Its great success arising from its being instrinsically THE BEST VALUE IN THE MARKET, as well as thor oughly adapted to the wants of the kitchen, has excited envious imitations of its name and ap. pearance. Beware of such.

No addition to or variation from the simple name: COOK'S FRIEND IS GENUINE

Trade Mark on every package.

Advertisers

Can learn the exact cost of any proposed line of advertising in American Papers by addressing

GEO. P. ROWELL & CO.,

Newspaper Advertising Bureau, 10 Spruce St , New York.

ter Send 10 cents for 100-Page Pamphlet D. McEWEN & SON.

Machine, Engine and Boiler Works.

Engines and Boilers for all purposes, from I to 100-horse power, and fully guaranteed. Steam Rock Drill and Mining Repairs constantly on hand. Cheese Factory Boilers and Fittings.

Also a number of New and Second-Hand Engines and Boilers.

STOVES

Call at HORSEY'S HARDWARE HOUSE and see the line of ROYAL ART STOVES and GRAND DUCHESS RANGES, and other lines of Heating and Cooking Stoves, all manufac-tured by the "Gurney" Co.

Horsey,

PRINCESS STREET.

MONEY TO LOAN

IN LARGE OR SMALL SUMS, at low rates o interest, on City and Farm Property. Loangranted on City and County Debentures. Ap ply to THOMAS BRIGGS, Manager, Frontenae Load and Investment Society. OFFICE Oppo--ite the Post Office.

BUSINESS MATTERS.

DON'T WAIT!

IN THE DULL SEASON

Have your

PAPER HANGING

Done. Do not wait for the Spring rush. The work can be done better now. An elegant line of Hangings to select from. Always the best selected and most stylish stock in Eastern Ontario to choose from.

Give us a call and look over our stock. No rouble to show goods at

ROBINSON'S WALL PAPER DEPOT.

277 Bagot Street. Jan. 15.

Obtained and all other business in the U.S. Paent Office attended to for MODERATE FEES. Our office is opposite the U.S. Patent Office and we can obtain Patents in less time than those remote from Washington. Send Model or Drawing. We advise as to

patentability free of charge; and we make No CHARGE UNLESS WE OBTAIN PATENT. We refer, here, to the Postmaster, the Supt. of Money Order Div., and to officials of the l 8 Patent Office. For circular, advice terms, and references to actual clients in your own

C. A. SNOW & CO. Opp. Patent Office, Washington D.C.

State or county, write to



- SOLD BY ALL -STATIONERS THROUGHOUT THE WORLD

ENGLAND PIANO.

-SUPERB AND UNEXCELLED. -

John G. Meagher, AGENT. Nov. 30.

FLOUR AND FEED.

CITY FLOUR STORE.

CHOICE FAMILY & BAKERS' FLOUR, SEED GRAIN, PRESSED HAY, CLO-VER AND TIMOTHY SEED.

C. D. FRANKLIN. MARKET SQUARE. Feb. 4.

CENTRALFLOURSTORE,

Cor. Princess & King Sts., Kingston.

JOSEPH QUIGLEY,

Central Flour. Feed and Grain Merchant,

Sept. 13. DAMAGED WHEAT.

THE WHEAT damaged by the sinking of the Propeller Myles will be sold by the bag cheap at the Kingston Foundry Wharf. This is the finest damaged wheat sold in Kingston for years. Apply to JAS. RICHARDSON &

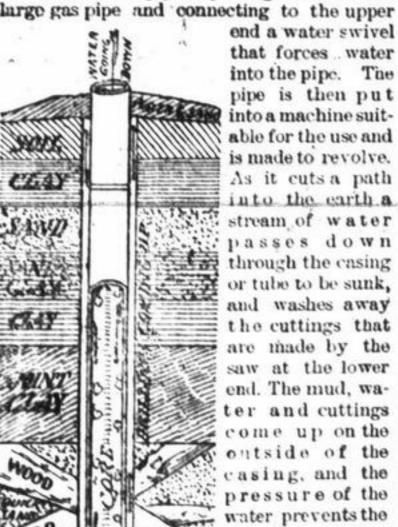
SCIENCE AND PROGRESS.

A NEW SCIENTIFIC METHOD OF SINKING WELLS.

A Description of the Peculiarly Interesting, Though Usually Quite Harmless, Effects Produced by Lightning Striking in the Loose Sand on a Hill Top.

A new scientific method of sinking wells, es operated by the American Well works, Aurora, Ills., is illustrated in the picture here

It consists simply of putting a saw on to a large gas pipe and connecting to the upper end a water swivel



such a manner that the stream of water is continually run-WELL SINKING AP-PARATUS.

ning down the casing and coming up on the outside. In this way 500 feet of seven inch pipe, it is claimed, has been sunk in the city of New Orleans in forty-eight hours.

hole from caving

upon the pipe that

is sunk. When one

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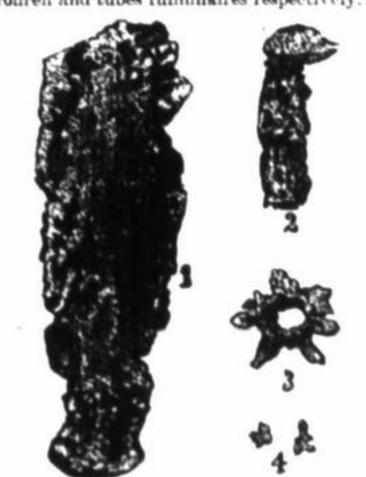
twenty feet, an-

other one is ingeni-

Since this invention, there have been numerous wells made in the southern states, where artesian water could not be obtained by other methods. It will readily be seen that, in sinking a well in this manner, the fine material is washed away and the coarser left for the water to percolate through and reach to the point in the bottom to flow over of its own accord or to be pumped by the general methods employed.

Fulgurites, or Lightning Holes.

The disastrous results so often attendant upon an electric discharge have been dwelt upon since time immemorial; but the peculiarly interesting, though usually harmless effects, produced by lightning in loose sand, are rarely alluded too. In the sand the usual result produced is that of fusion, whereby a frail, glassy tube of variable diameter and length is produced, the interior of which is a true amorphous glass, quite smooth, while exteriorly it is roughly granular and greatly corrugated. Such are called fulgurites or fulmination tubes in English, while, to the German and French they are known as Blitzrohren and tubes fulminaires respectively.



FULGURITE TUBES. The fulgurites shown in the cut are from

material received from Union Grove, lilk, and now in the collections of the national museum. These are described in detail in Popular Science Monthly, from which description it appears that these materials represent one of the most extensive finds of fulgurites yet noted in this country. The locality where this occurred is the top of a sand hill some fifty feet square. Several sets or pairs of tubes were found here, but a few miches apart, together with several smail triegular masses of fused material, the largest of which weighed several ounces. The largest tube found was about three and a half inches in diameter, but was too frail to remove.

The plate shows the characteristic forms Fig. 1 represents a portion of tube of common form. Fig. 2 is pect liarly striking with its bulb like enlargement. Fig. 3 represents a cross section of tube of characteristic form. Fig. 4 shows holes fused by lightning in sheet copper, and resembling fulgurite tubes in outline. One of these tubes was traced into the sand for a listance of about seven feet.

The results of a comparatively recent analysis of both the fulgurite glass and the sand in which it was formed makes it appear that the glass was not pure quartz glass, although it showed itself to be richer in silica than the sand from which it originated. The conclusion arrived at is that the composition of the fulgurite glass is dependent entirely upon the conducting power of the various mineral constituents of the sand, regardless of their fusibility; that the glass, showing a larger proportion of silica than the sand in which it forms, points to the fusion of the siliceous (i. e., the quartz) grains, in preference to the feldspathic and ferruginous; hence, that the quartz grains were poorer conductors of the electric fluid than were the others.

Influence of Electricity on Roots.

Numbered with other interesting experiments conducted by Professor Hodifless, of Germany, are those showing the influence of electricity on the growth of roots. Plates of copper were thrust upright into the earth and connected by wire with similarly placed zine plates, about 100 feet distant, an electric battery being thus formed with the earth between such copper and zinc in the circuit. Both potatoes and beets planted between such plates gave an increasing yield-beets 15 per cent, -as compared with other parts of the same field.

Why will you cough when Shiloh's cure will give im mediate relief? Price, 10c., 50 and \$1. W. J. Wilson, whol sale and retail agent Kingston.

SOCIAL ETIQUETTE.

Manners and Customs Practiced in Polite Society.

Gentlemen in society, whether single or married, have "Mr." engraved on their cards. A small oblong card is proper for gentlemen. A gentleman should not call on a young lady without asking for her mother or her chaperon; nor should be leave cards for her alone, but always leave one for her mother. When calling on a young lady who is visiting at a friend's house, the guest ought to inquire of the visitor if the lady of the house will see him, thus giving her a chance to accept or decline. The hostess will probably be introduced and say a few words, afterward leaving the guest and young lady to converse to-

A Word About Menus.

If one is about to entertain a ceremonious company use unbesitatingly the French bill of fare. If, on the other hand, the guests are plain, practical people, who in all probability do not read French readily, employ an English bill of fare.

If the dinner is intended to be a fine one provide one menu for each guest, written on small sheets of paper or on French bills of fare cards, which come for the purpose. When expense is no object, have cards for your own use especialty engraved, with your monograms or other device at the top of the card, and forms for different courses following, so headed that you have only to fill out the places with the special dishes for the occasion.

Wooden Weddings.

Wooden weddings occur after five years of married life, and afford the bride much refurnishing of the kitchen, and nowadays some beautiful presents of wood carving. The wooden wedding, which was originally begun in jest with a stepladder and a rolling pin, now threatens to become a very splendid anniversary indeed, since the art of carving in wood is so popular and so much practised by both sexes. Every one is ready for a carved box, picture frame, screen, sideboard, chair, dressing table, or other carved object. Let no one be afraid on these anniversaries to offer a bit of wood artistically carved.

Style of Dress for Nurses.

City ladies have adopted for the nurses of their children the French style of dress-dark stuff gowns, white aprops and caps. French nurses are, indeed, very much the fashion, as it is considered all important that children should learn to speak French as soon as they can articulate. It is, however, more important that the nurse be a middle aged person of trustworthy character than that she be able to speak French. Many mothers make their selections in this direction with a view to the moral and physical well being of the little ones rather than what is the fashion.

Invitations to Parties.

The young lady's mother or chaperon is the proper person to invite young men to a party if the daughter has met them, but it is not considered correct for the young lady to do it herself. It makes no difference whether the mother knows them or not, she is the one to send the invitation

Chairs for the Dining Room.

As a rule, the chairs in the mostern dining room are uncomfortable and mappropriate. By all means see to it that the clairs be of equal height at the table. Perha, s any one may know by experience the trial to his good humor in anding himself perched above or sunk below the general line.

GLEANINGS.

Pain cannot exist when West's World's Wonder is applied, Cheapest and best, 25 and 50c. All druggists.

Daniel Henwood has been appointed assessor of Napanee. A nasal injector free with each bottle of

Shiloh's catarrh remedy. Price 50c. Rev. H. Cocks, Baptist, has left Almonte for a charge in Pompey, N. Y.

The Rev. Geo. H. Thayer, of Bourbon, Ind., says : "Both myself and wife owe our lives to Shiloh's consumption cure." W. J. Wilson, wholesale and retail agent, Kings-

Dr. Hawley, Trenton, is about to enter partnership with Dr. Willoughbe, M. P. P.,

diseases use West's Cough Syrup. All drug-The township of Adolphustown, in the

county of Lennox, is the smallest township

in the province. Shiloh's Vitalizer is what you need for constipation, loss of appetite, dizziness, and all symptoms of dyspepsia. Price 10 and 75 cents per bottle. W. J. Wilson, agent. Mrs W. H. Ford, Pembroke, has fallen

left by a deceased relative. To ladies. The great beautifier for the complexion: One of West's sugar coated Liver Pills taken nightly. 59 pills 15c. All

heir to \$20,000, her share of a large fortune

An effort is being made to establish a li brary in connection with the Gananoqe high school, which we trust will be successful. West's Cough Syrup stops tickling in the throat, stops that hacking cough and gives perfect relief; it is certainly worth a trial.

druggists.

All druggists. Work has been resumed at the Perth car shops on an order of 700 box cars. The foreman expects to turn out five a day.

Sleepless nights made miserable by that terrible cough. Shiloh's cure is the reme dy for you. For sale by W. J. Wilson. Perth town council has decided to send a congratulatory address to the Queen on the completion of the fiftieth year of her

Shiloh's catarrh remedy is a positive cure for catarrh and diphtheria. For sale by W. J. Wilson, druggist.

E. Letang has purchased from Carswell a strip of land along the creek in Renfrew. He intends to move his brick making machinery and open a yard on the land in the

Are you made miserable by indigestion, constipation, dizziness, loss of appetite, yellow skin? Shiloh's Vitalizer is a posi tive cure. W. J. Wilson, wholesale and retail agent, Kingston.

For liver complaint, dyspepsia, and sick headache use West's Liver Pills. All drug-Allan Francis sunk a well 42 feet on his

farm at Renfrew until he came to the rock, but obtained no water. M. L. Russell has in contemplation to set in operation water works for service in the village. For rheumatism, neuralgia, cuts, wounds or

burns use West's World's Wonder. All J. N. McKim, of Brantford, son of J. N. McKim, of Napanee, left for Melbourne,

Australia, on the 2nd inst., as partner in the Australian, book and bible house of that The standard remedy for liver complaint is West's Liver Pills ; they never disappoint

you. 30 pills 25c. All druggists

NORTH SIDE PRINCESS ST.

36 INCH TO 60 INCH

In all the New Makes and Coverings.

GOSSAMERS & UMBRELLAS

At the Lowest Possible Prices for Reliable Goods.

LAIDLAW'S

Feb. 15.

OUR PRICES FOR COTTONS.

Bleached Sheeting, soft finish, only 23 cents. Grey Cotton Sheeting, 2 yards wide, 12) cents.

White Pillow Cotton, very good quality, 40 inches wide, 11 cents.

Grey Cottons at 3, 4, 5, 6, 7, 8 cents. White Cottons at 5, 6, 7, 8, 9, 10 cents.

22 Remember our Cottons are 10 per cent. below present mill prices.

Feb. 16.

WALSH & STEACY'S NEW

R. M'FAUL.

ARE CHEAPER THAN EVER.

THIS WEEK WE RUN

Sheetings, Towels and Table Linens.

Bleached Sheeting, 2, 21-4, 21-2 yards wide.

Unbleached Soeeting, 13-4, 2, 21-4 yards wide. Pillow Cottons 11, 12, 15, 17, 18 to 25c.

Unbleached Twill Cotton 10c. 500 Doz. Linen Towelsat Prices 25 per cent. lower than last season. Big Cotton Towels 21-2, 4, 5, 6c.

Big Linen Towels 8, 10, 12, 15c. Unbleached Table Linens and Napkins direct from Belfast, Ireland. All at Low Prices.

WALSH & STEACY.

Feb. 14.

Already Received by J. Richmond & Co.

NEW CARPETS. Also the greatest variety of MADRAS CURTAINS to be seen in any House in Canada. Also RAW SILK TABLE COVERS, 2 yards square, 2 yards v 2), For coughs, colds and all throat and lung 2 yards by 3. Also ORIENTAL TIDIES AND TABLE COVERS.

> ## Remember JAS. RICHMOND & CO.

Feb. 8.

A RARE BARGAIN!

4-BUTTON KID GLOVES at 35c. PER PAIR

WORTH 50 CENTS PER PAIR.

This price, 35 cents, will hold only till the 22nd of this month.

Feb. 9.

B. DORAN & CO. - THE BIG MILLINERY ROOM. 126 PRINCESS STREET.

HOLLOWAY'S PILLS AND OINTMENT!

THE PILLS At all seasons of the year are a reliable remedy for correcting any Disorder of the Digestive

gans, and for restoring a healthy action to the STOMACH and BOWELS. They the Liver and Kidneys with marvellous effect, and by giving strength and tone these important organs create a circulation of pure and healthy blood. Females of all ages find these Pills invaluable

THEOINTMENT

Heals all recent Wounds, Cuts, Bruises and Sprains, and is a certain cure for BAD LEGS, SORES ULCERS and OLD WOUNDS. It has no equal for the cure of Bronchitis, Sere Thront. Coughs, Colds, Rheumatism, Gout, Glandular 8 wellings and all Skin Diseases.

Manufactured only by Thomas Holloway, 78 New Oxford St., late 533 Oxford St. o t 533, OXFORD STREET, LONDON, they are spurious. Oct. 29.

JUST ARRIVED!

Black and Brown Jersey Cloths. Black and Brown Astrachans for Jackets and Cloaks. Striped Jersey Cloths (All Wool), for Children's Sealettes and Ulster Cloths, Wool Hosiery, Gaiters, Mitts, Gloves,

Shawls, Clouds, &c., at the Lowest Prices.

Carpet and Millinery Warehouse.

Feb. 1.