

The "flicker" sometimes noticed in lightning proves to be due to the fact that several flashes-sometimes five or six-follow one path too rapidly to be separated by the eye. The trails shown in photographs of very bright flashes are caused by incandescence produced in the air for a very brief period.

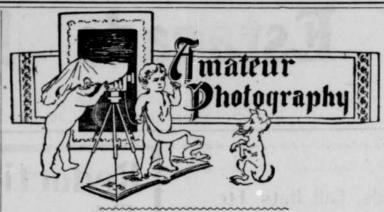
Recent reports on the mineral resources of County Leitrim and adjacent parts of Ireland indicate the possibility of developing a great mining industry in that country. Experts say that the Connaught coal fields are capable of yielding from 20,000,000 to 30,-000,000 tons, and of supporting thousands of laborers, although at present they do not maintain 100. So the ironseamed district between Dromahair and Arigna, which might be expected to give employment to tens of thousands, and to develop "a miniature Pittsburg," at present does not support a solitary individual.

The Navy Department has established in the Brooklyn navy yard a school for the instruction of young seamen in wireless telegraphy. They are taught how to send and receive the messages and how to manipulate the apparatus. Messages are received both by automatic record on a tape and by the ear, a system of dots and dashes being employed, as in ordinary telegraphy. From twelve to fifteen words per minute is about the average transmitting speed of experienced operators. The naval wireless system is now highly developed, both for fleet and coast station use. The operators receive two or thee times the pay of ordinary seamen.

At the last session of the Paris Academy of Medicine a treatise by Dr. Fournol, recommending hypodermic injections of sea water against tuberculosis, attracted much attention. Dr. Fournol has prepared a sea water serum which possesses the property of increasing the blood pressure. He treated twenty-four patients at a Paris hospital with it. Some of these suffered from recent tuberculosis of the lungs, other for old tuberculosis of the bones. In all cases a distinct improvement was noticeable. Consul General Guenther, writing from Frankfort, Germany, says that the results appeared so important to members of the academy that it was resolved to notify the tuberculosis commission with the intention of continuing a series of experiments throughout Europe.

The curious dread of cats that has been studied for three years by Dr. S. Weir Mitchell of Philadelphia, may open up a wide field for investigation. An advertisement brought 159 replies from different countries-including Germany, Egypt and India-and about two-thirds of them mentioned cases of fear of cats, the others referring to ssthma from cats. This asthma, due to odors, may be excited by the presence of horses, dogs, cats or sheep, or even of roses, apples, oranges or bananas. The catphobia comes instantaneously, and may be very severe, cataiepsy having developed in one case, and temporary blindness in another. It passes with the going of the cat, leaving a sense of fatigue and depression. It is not confined to women, nor are the men always timorous, and one army officer who had fearlessly hunted dangerous cats-the llou and the tiger-would go far out of his way to avoid the domestic cat. Families are sometimes affected. Some emana-tion seems to be the active agent, the mournfully rail at fate should he spy cat in many cases being unseen, and it is suggested that supersensitive the ether that do not yield light, heat or odor.

ing, but you will starve to death if you sit down and wait for it to come around and settle.



The beginner who would wish his prints in the tints of Nature and who proposes to impart these to them with his own hand, had better start with Oil and water colors, effective in the hands of the practiced artist, are less suited for one's first attempt. The dyes may be purchased in bulk, but it is more convenient to buy them in packets, in which form they may be had at any drug store. One package is dissolved in two ounces of water, to which are added two drachms of glacial acetic acid. The dye solution is applied with a soft camel-hair brush. Matt P. O. P. and bromide prints will be found the easiest to start with. There is some little difficulty in getting the colors "to take" to a glossy print; in fact, it is necessary to apply a medium to the print before starting to use colors. For this purpose, the following mixture is the best thing:

Purified oxgal paste, 60 grains. Distilled water, 16 ounces.

Rectified spirit, 4 ounces.

This is applied with a camel-hair brush, and the prints are ready for further treatment as soon as dry. Some of the best effects in print coloring are obtained on albumen paper.

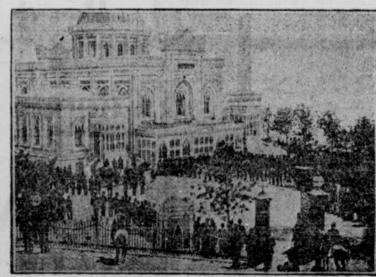
Another method is to first apply a size made by dissolving gelatine in acetic acid until it forms a pasty mass. This is thinned with water in the proportion of about one part of acetic gelatine to six parts of water. After this, the prints are colored with the aniline solutions.

For those who wish to practice the coloring of prints in oils, we give the following medium with which the oil celors should be treated beforehand.

Gum mastic, 1 ounce. Turpentine, 10 ounces.

The rapidity of drying may be increased if, in place of turpentine, the mastic be dissolved in four ounces of chloroform.

## SCENE OF ATTEMPT ON SULTAN'S LIFE.



THE SULTAN LEAVING THE MOSQUE WHICH WAS WRECKED.

The recent attempt on the life of the Sultan of Turkey seems to have been of a very determined character. His majesty was descending the steps of the mosque when an explosion took place among the crowd which was gathered behind the railings, and was heard all over Constantinople. Of the spectators from twenty to thirty were killed, while nearly one hundred were

more or less seriously injured. The windows of the mosque were shattered. Fifteen carriages were blown to pieces and over fifty horses were killed. windows of the mosque, of the ambas-sador's klosk, and of the palace were shattered, while fragments of the bomb, pieces of horses' and human bodies and debris of the carriages were hurled great distances.

Thirteens on a Silver Quarter.

Superstition seems to be a part of the mental composition of everyone, and it commonly centers to a rooted antipathy to the number This first of the teens has had to stand for many an action that was ridiculous, and yet there is hardly any pera silver quarter on the sidewalk. Have nerves may be affected by waves of closely the you have not, you may be surprised to find on the eagle side that there are Yes, the world may owe you a liv. thirteen arrows in the bundle, which is clutched in the left claw, thirteen laurel leaves on the branch in the other claw, thirteen stars at his head. thirteen letters in the Latin inscrip-the man who loves everybody loves tion, "E pluribus Unum." thirteen letters in the word "quarter dollar," thir-

teen stripes on the shield, and on the front of the silver piece thirteen stars surrounding the liberty head and thirteen leaves in liberty's crown. This array of thirteen is in commemora-tion of the original thirteen States which comprised the Union-New York Press,

The Proof at Hand.

"Yes, I did pay some attentions to Miss Filbert, but I finally began to think that she was a person of very poor taste and-"

"Sir, she is to be my wife?" "And now I know it."-Cleveland Plain Dealer.

Any Name Would Do. The Landlady-Will you have coffee, ten or cocoa, Mr. Slopay?

Mr. Slopay-Anything you wish to call it, ma'am .- Puck.

Depends.

The man behind the white apron indignantly asserted himseit.

"I won't be ordered around as if I was a slave," he exclaimed. "I'm as good as you. It's no disgrace to be a waiter!'

"Maybe not," said the dyspeptic guest, "but it's a disgrace to be such a waiter as you are."

How's This?

How's This?

We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh there.

F. J. CHENEY & CO., Props., Toledo, O. We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm.

WEST & TRUAX, Wholesale Druggists, Toledo, O. WALDING, KINNAN & MARVIN, Wholesale Druggists, Toledo, O. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price 75c. per bottle. Sold by all Druggists. Testimonials free.

Hall's Family Pills are the best.

The Innocent Kid.

Little Willie-Papa, is a ventriloquist a man who talks to himself in a low tone?

Pa-No, my boy. A ventriloquist is man who can speak in such a way that his tones seem to come from auother person.

Little Willie-That explains what sister said to George last night. She told him that when no one was around he was a very different person.

## CASTORIA

For Infants and Children.

The Kind You Have Always Bought

Bears the Signature of Chat St. Thetcher.

Wide Open.

Miss Kreech-Dr. Farrinks seemed quite interested in my singing last evening. He sat directly in front of me during my solo and watched me attentively.

Miss Knox-I don't think it was your singing. He told me afterward that he made a specialty of tonsils and studied them every chance he got.-Philadelphia Press.

FITS Permanently Cured. No fits or nervousness Restorer. Send for Free \$2 trial bottle and treatis Dr. R. H. Kline, Ltd., 931 Arch St., Philadelphia, P

Knickerbockers Were Fierce.

"Gracious!" exclaimed the economical mother, "I thought I had cut down this old suit of your father's so it would fit you, but it seems entirely too large yet."

"Yes, ma," replied the bright boy, especially the 'wide ex-pants.' "-Philadelphia Press.

For coughs and coids there is no better nedicine than Piso's Cure for Consumption. Price 25 cents.

His Admission.

Wife (during the spat)-Come, dear, we have no occasion to quarrel in this manner. Of course I do some very fool-

ish things at times—and so do you. You'll admit that, will you not?

Husband—Certainly, I'll admit that you do, my dear. That's what I've said

all along. Wife-Wretch! How dare you!

## MALLEABLE IRON STUMP PULLERS

Vastest lightest and strongest Stump Puller the market. 11s Horse power on the sweep th two borses. Write for descriptive catalog

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Foot of Morrison Street Portland. Portland, Oregon



Clip this out, return to us with the names and addresses of yourself and two of your friends, and the date when you will probably enter a business coilege, and we will credit you with \$5.00 on our \$65.00 scholarship. Our school offers exceptional advantages to students of Business, Shorthand, English, etc. BEST INSTRUCTION-LOWEST TUITION

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