

## BREVITIES OF FUN.

"Our teacher has commenced to teach us how to paralyse sentences," said a little lassie to a companion the other day.—Glasgow Times.

Charley Bragg.—"Yes, Miss Brightly, it costs me ten thousand a year to live." Miss Brightly—"Oh, Mr. Bragg, do you think it's worth it?"—Boston Traveler.

Little Pitcher—"I don't think my papa loves me as much as he loves my mamma. Mamma says papa tells her fairy stories. He never tells any to me."—Boston Transcript.

Park—"That old chap with the high hat is Prof. Jawskins, the famous medico-legal expert. He's both a lawyer and doctor." Tilford—"H'm! Another case of 'Your money or your life!'"—Puck.

Margery—"Papa, why did they bury Mr. Goodwin with his eyeglasses on?" Papa—"Well, my pet, he was near-sighted, and his widow feared he might miss the pearly gates and come back."—Jeweler's Weekly.

A Great One.—"You seem to be very fond of farces," said the young woman at the theater. "Ah, yes," replied the gentleman with the French accent. "I sat through Zola's entire trial."—Washington Star.

Drawing the Distinction.—"Are you telling the truth when you say you are looking for work?" asked the householder. "Yes," answered the stranger at the gate, "but I ain't expecting it."—Indianapolis Journal.

Couldn't Do It.—Traveler (in upper berth, angrily)—"Here, you in that lower berth! Why don't you stop snoring and sleep like a Christian?" Occupant of Lower Berth (sleepily)—"Pegause I aind't puulit dot way."—Puck.

## HIS OWN MEDICINE.

A Practical Joke Chafes Under a Joke Played Upon Him.

Having been married less than a month, it would naturally be supposed that Bimley was one of the happiest men in the country. But he's not. He broods and schemes and indulges in long excursions. He would give half his fortune to get his grip upon a certain person or persons unknown.

Of course there is a story back of this. Bimley married a Philadelphia girl. He went on them the day before the wedding, and in going about the city, he noticed that he was being shadowed. Having a character above reproach, this did not bother him much at first, but the thing grew very annoying when he was followed to the house of his fiancee and found the shadows awaiting him when he left. In trying to dodge them he whetted their suspicion and was promptly arrested.

At the station house Bimley gave his name and was then informed that he was known. Word had been wired from the chief of police in Detroit that Bimley had gone to Philadelphia to make a big haul and expected to leave with a treasure that would satisfy him for the balance of his life. The more he protested the more material he gave the newspapers. It took several hours to clear the matter up, and the next morning the whole story was told under flaming headlines. It was a practical joke on the part of one or more conspirators who made free with the name of the chief. It set all the harder with Bimley because he is a practical joker himself. Time only makes him madder instead of soothing him, and there is no telling what would come off if he should succeed in unearthing the conspiracy. —Detroit Free Press.

## BUILT BY THE WAVES.

Holland's Interesting Illustration of Natural Engineering.

An interesting illustration of natural engineering is the well-known heavy dike on the Holland coast, which was built by the winds themselves. The sand formed between the jetties becoming dry in sunny weather, and the surface blown ashore on the wind blowing in that direction, it was desired to build a strong dike to connect with the sandunes, and this was accomplished by stting in the sand, in rows about a foot apart, tufts of dune sea grass near by. The tufts thus placed, consisting mostly of little handfuls of tass, were put, each one, into a cavity dug out with the hands, the tufts being set into this and the sand pressed around. The whole surface of dry sandy beach above high tide was covered with this plantation, and, just back of it, at the highest point of the existing sandy area, one or two rows of reeds were set into the sand, their tops cut off, and the stalks left standing about four feet above the sand—the latter, drifting along over the surface, catching and, in one day, almost burying the tufts of grass and sanding a foot along the rows of reeds; then another plantation being set, and another, a massive dike was built up to the height of the advancing dike. In high-storm tides the waves eat into the toe of the slope and down the sand, but by the same excess of building the dike is again restored to its former size.—N. Y. Sun.

## ORIGIN OF A PHRASE.

"We Will Never Set the Thames Afire" Explained.

A correspondent recently asked the New York Weekly for the origin of the phrase: "He will never set the woods afire." A California reader offered this explanation: He says: "I never saw the quotation made in that way before, but think it likely that that saying is only a change of the original. I have always heard it quoted as: 'He will never set the Thames (Tems) afire,' that is the river Thames. But here we have a means of getting at the possible origin of a phrase, which will show how peculiar many of them begin and change in application. Those who have made this guess have arrived at a glance that the machine could be nothing more nor less than a solar engine, for certainly no such combination of mirrors could be framed for any other purpose. Those who have made this guess have arrived at a correct conclusion. For some time a number of Boston capitalists have been working on this machine, and the other afternoon the completed solar engine, crude though it is, was given a successful test.

So far as is known Euclid, the famous mathematician, was the first to investigate the theory of solar heat, and Archimedes the first to experiment practically in helio-dynamics—his feat of setting fire to the Roman fleet which was besieging Syracuse by setting the tarred rigging and sails on fire by reflected light being a practical demonstration which satisfied even the skeptical Romans. The skeptics of the eighteenth century doubted the truth of the story about the burning of the ships, and the learned naturalist, Buffon, conducted a series of experiments to demonstrate that the act of Archimedes was within the bounds of possibility. With a series of 154 mirrors at a distance of 250 feet he caused a tarred plank to smoke in two minutes, when the sky was partially obscured. This was in 1747. Saussure, instead of employing reflectors, used a series of cylinders of glass, by which he caused water to boil in the inner cylinder by direct sunlight alone. Sir John Herschel in 1838 turned his attention to the matter and conducted a series of experiments at the Cape of Good Hope, demonstrating that it is possible to use directly the tremulous energy in the sun's rays.

It was not until as late as 1866 that the experimenters began to turn their attention toward the use of solar heat for power purposes. In that year M. Mouhot, then professor of mathematics in the Lycee of Alencon, began a series of experiments with this end in view. In August of 1866 he made his first solar engine. Ericsson was at the same time busy with the same problem. He estimated that concentrated solar heat would evaporate eight liters of water when reflected from a surface of nine square meters, furnishing the equivalent of one horsepower. A Frenchman named Pifre assisted in Mouhot's experiments in France and Algeria, and as a result a conical reflector, erected first in the courtyard at Tours in May, 1875, and afterward shown at the Paris exposition in 1878, was used to pump a continuous stream of water by means of an engine whose only fuel was the sun's rays. It was Mouhot, with all due credit to other inventors, who established the art of solar engineering, and while later machines may bear the same relation to his conical reflector that an "ocean greyhound" bears to Fulton's Clermont, it is to him that due credit should be given. Strange as it may appear, the first patent granted for a solar engine in this country, so far as can be learned, was dated March 20, 1877, and was to two California inventors, who were prevented from developing it by interest in other matters.

It is currently believed that at one time the native women were exterminated to make room for a whiter and superior race of women. The nucleus of this face of higher women was formed from captives made at various times, extending over a series of years, on land and water. They have no schools, but each home has a system of physical training. The native guard their shores day and night, and no man is allowed to penetrate the island, even if he should make a landing. It is said that no epidemics have ever prevailed on the island, and disease is scarcely known among this extraordinary people, so that the men and women are magnificent in physical endowment. In this way the standard of physical and mental conditions in both sexes is kept very high.

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In addition to gold and copper, New South Wales is said to possess every mineral advantage of the great manufacturing countries of the world in the shape of abundant coal and iron easily accessible and readily worked. But although the local iron ore is exceedingly rich scarcely any progress has been made in smelting, and nearly all the pig and wrought iron used in local manufacturing is imported.

## It Came Often.

Very Affable Young Lady—Yours is rather a quiet beat, isn't it, officer? Policeman—You're right, miss; it is. The only bits o' pleasurable excitement I 'ave is when some prettyle young leddy arks me to hescort her across the road.—Facts.

## POWER WITHOUT FUEL.

Another Attempt to Utilize Solar Heat for Work.

Hundreds, and perhaps thousands, of people going out on the Boston & Albany railroad through Brookline have noticed just before coming to Longwood station a peculiar iron framework surmounted by mirrors and surrounded by a board fence. Probably hundreds have speculated on the nature of this peculiar contrivance, and here and there, perhaps, one has been found who recognized at a glance that the machine could be nothing more nor less than a solar engine, for certainly no such combination of mirrors could be framed for any other purpose. Those who have made this guess have arrived at a correct conclusion. For some time a number of Boston capitalists have been working on this machine, and the other afternoon the completed solar engine, crude though it is, was given a successful test.

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## Germany's Telephone System.

The price for the use of a German government telephone has been reduced from \$37.50 per year to \$12.50.

## Bulletin Financier.

Vendredi, 13 mai 1898.

## COMPTOIR D'EXCHANGES (CLEARING-HOUSE) DE LA NOUVELLE ORLEANS.

Jusqu'à cette semaine dernière: \$7,081,431.00 \$724,189.00

Depuis cette semaine dernière: \$6,968,868.00 \$633,220.00

ETAT HEBDOMADAIRE DU CLEARING-HOUSE.

Compté par Theo C. Hermon, Directeur.

Billets des Etats Unis et des Banques Nationales..... \$ 6,104,500.00

Autres billets, comptant..... 4,942,600.00

Change étranger..... 110,400.00

De plus banques et banque déaler..... 779,100.00

Précédemment déaler..... 15,569,500.00

Autre soit comptant..... 4,214,100.00

Total..... \$31,204,200.00

Passif:

Circulation..... 536,300.00

Deposits..... 20,697,100.00

Autres billets et banques déaler..... 5,000.00

Autre soit comptant..... 3,831,900.00

Autre soit comptant..... 39,400.00

Total..... \$24,654,600.00

Comparé avec la semaine dernière:

Augmentation..... 3,000

Diminution..... 109,200

Deposits..... 448,100

Dépôts..... 900

Change..... 508,800

MARCHÉ MONÉTAIRE.

Nouvelles-Orientales—

Papier exceptionnel..... 6

Al... 6

Autres titres, comptant..... 4

Taux sur garanties décollées..... 4

Taux hypothétique..... 7

Taux sur les Banques et Strates de l'Etat..... 900

MARCHÉ MONÉTAIRE.

SUR PLACE.

Le Cotton Exchange a rapporté aujourd'hui des ventes de 1,500 bales et 50 à arriver.

Les cotations touchées sont de 14 à 16 pour cent les cotations suivantes:

Low Ordinary..... 7

Good Ordinary..... 8

Middle..... 11 1/16

Good Middle..... 11 1/16

Middle Fair..... 7 1/16

Fair..... 7 1/16

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