

THE MEANING OF IT.

Very often we give the wrong meaning to a word and thereby make serious mistakes. For instance, the true and literal meaning of the word rheumatism is "aches or pains of the muscles, bones and joints of the human body." It is general and not specific. Also the word relief does not mean cure. Relief may be but a short cessation of pain. But when we say St. Jacobs Oil cures rheumatism promptly and permanently, we mean it conquers pain quickly with no return of it, unless the sufferer gives cause for a new attack, and then it will cure for a season. It matters not whether it is chronic, acute or inflammatory, it will cure. That is sure, be sure of it.

There is a house in Paris occupied by over fifty tenants who for twenty years have never paid any rent, the landlord being unknown.

TO GET OUT OF THE WAY

When trouble is coming, is obviously the part of common sense. An obstruction of the bowels is a serious obstacle to health. To get out of the way is an easy matter with the thorough laxative, Hostetter's Stomach Bitter, which, although it affords relief, never gripes and convulses like a drastic purgative. Hygeia, cathartic, kidney and rheumatic ailments and nervousness yield to this gentle family medicine.

America has over five thousand islands round its coast.

I shall recommend Piso's Cure for Consumption far and wide.—Mrs. Mulligan, Framstead, Kent, England, Nov. 8, 1886.

The asparagus served at the Elysee banquet in honor of the czar cost three francs a stalk, or 90 cents a bundle, and there were 200 guests.



Gladness Comes

With a better understanding of the transient nature of the many physical ills, which vanish before proper efforts—gentle efforts—pleasant efforts—rightly directed. There is comfort in the knowledge, that so many forms of sickness are not due to any actual disease, but simply to a constipated condition of the system, which the pleasant family laxative, Syrup of Figs, promptly removes. That is why it is the only remedy with millions of families, and is everywhere esteemed so highly by all who value good health. Its beneficial effects are due to the fact, that it is the one remedy which promotes internal cleanliness without debilitating the organs on which it acts. It is therefore all important, in order to get its beneficial effects, to note when you purchase, that you have the genuine article, which is manufactured by the California Fig Syrup Co. only and sold by all reputable druggists.

If in the enjoyment of good health, and the system is regular, laxatives or other remedies are then not needed. If afflicted with any actual disease, one may be commended to the most skillful physicians, but if in need of a laxative, one should have the best, and with the well-informed everywhere, Syrup of Figs stands highest and is most largely used and gives most general satisfaction.

Beware Of Mercury!

Mr. Henry Roth, of 1848 South 9th Street, St. Louis, was given the usual mercurial treatment for contagious blood poison. He was twice pronounced cured, but the disease returned each time, he was seized with rheumatic pains, and red lumps and sores covered his body.



"I was in a horrible fix" he says, "and the more treatment I received, the worse I seemed to get. A New York specialist said he could cure me, but his treatment did me no good whatever. I was stiff and full of pains, my left arm was useless so that I was unable to do even the lightest work. This was my condition when I began to take S. S. S., and a few bottles convinced me that I was being benefitted. I continued the medicine, and one dozen bottles cured me sound and well. My system was under the effects of mercury, and I would soon have been a complete wreck but for S. S. S."

S. S. S., (guaranteed purely vegetable) is the only cure for real blood diseases. The mercurial treatment of the doctors always does more harm than good. Beware of mercury! Books on the disease and its treatment mailed free to any address by Swift Specific Co., Atlanta, Ga.

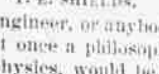
SSS

FOR PEOPLE THAT ARE SICK OF "JUST DON'T FEEL WELL," DR. GUNN'S IMPROVED LIVER PILLS are the One Thing to use. Only One for a Dose. Sold by Druggists at 25c. a box. Samples mailed free. Address Dr. Bosanko Med. Co. Phila. Pa.

MEASURES BRAIN ACTIVITY.

What Prof. Shields Accomplishes by His Wonderful Discoveries.

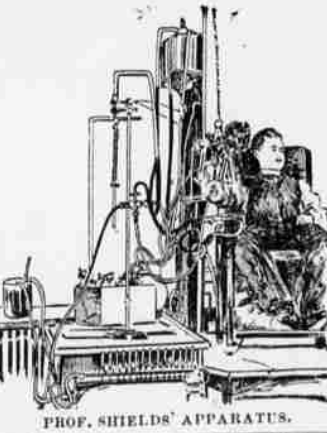
Dr. T. F. Shields, Ph. D., professor of biology at St. Paul's seminary, has constructed an apparatus by which he can measure the degree of mental activity by observing the flow of the blood through the brain. The contrivance is not easy of description, and it could not possibly be described in language that the layman would understand. And a civil engineer, or anybody else who was not at once a philosopher and a master of physics, would be lost in the maze of tubes and valves that enter into its construction. The glass cylinder that hangs over the chair is the first thing to attract attention, for it is there that the experimenter and the subject get together. The left arm of the subject is bared well up to the shoulder. A rigid rubber clasp that fits about the upper arm is connected by a couple of light rods to another smaller clasp that fits about the wrist. The arm is coated with vaseline, for it is to remain in water for an hour or more, and a portion of it is covered with a thin rubber band. The fingers are encased in a glove and a rubber band that passes between the thumb and the index finger completes the provision for holding the limb practically rigid. The arm is thrust up to the elbow into the cylinder, and by an elaborate combination of clamps and bandages is fixed there, and the end of the cylinder hermetically sealed about the arm with rubber connections that do not unduly compress the limb but make a perfectly tight joint. The proposition is to determine the flow of blood under certain conditions by the increase or diminution of the volume of the arm. The subject is placed in the easiest possible position while the experiment is going on, for a strained position, or an effort to ease the arm, would result in blood flow, and the volume of the arm would change without the volition subject being able to help it. It was this difficulty that stood in the path of the European scientists who endeavored to get the results that Dr. Shields has got. The subject is permitted to remain quiet for some ten or fifteen minutes, and his mind reduced to a passive state by the usual methods, such as listening to and counting the ticking of a clock. His condition is just removed from that of sleep, and that is all. He has even been allowed to go to sleep, and the workings of the mind observed then.



T. F. SHIELDS.

The arm being in position, a quantity of water that has been determined to a nicety is allowed to flow into the cylinder, and the air is permitted to escape, so that there shall be no undue pressure on the limb. A small disk that is hollowed out and a piece of rubber placed over the hollow, is placed over the diaphragm of the subject, and this is connected with the automatic register by a rubber tube and registers the variations in the respirations of the subject. The means by which the connection between the cylinder in which

the arm is inclosed and the plethysmography is too elaborate to permit of description within the limit of a newspaper article. A nice knowledge of physics would be necessary to its understanding. But the connection is effected and the activity of the brain indicated on the kymograph roll accordingly as the conditions change. There are five glass pens used in making the record. They are nicely balanced and filled with ink as the expert starts and the nicest possible adjustment is made with the clockwork of the drum that moves the paper. As the seconds are ticked off the paper moves slowly over the drum and the pens reveal in the waving lines they make, as the pressure in the cylinder and other points of the apparatus change, the varied mental changes. The pulsations of the heart are registered by one of the pens, the respiratory movement by another, the variations in the volume of the arm, the time is marked by a third, and the signal pen, indicating when the stimulants are applied, fills the complement, and these are all balanced with the most absolute nicety for the changes they record are by no means strongly accentuated.



PROF. SHIELDS' APPARATUS.

English Administration of Jamaica. The English administration of Jamaica is a thing to be thankful for; there are law and order, excellent

roads, comfortable houses, adequate police, lawn-tennis and cricket, plenty of manly, companionable English army and navy officers, and a governor who is strong, able, and genial. At the same time it would be folly to maintain that the island is producing a tenth part of the wealth that is latent in soil and atmosphere, or that most of the wealth that is beginning to make its appearance is due to anything so much as to the American enterprise and capital which are opening up railways and cultivating fruits. Another serious fact, though not necessarily an unwelcome one, is that the island's four thousand square miles contain a population of six hundred thousand persons, twenty-five thousand of whom are white.—Century.

HE MIXED THE LETTERS.

Love to His Boss and a Request for a Raise to His Girl

A certain young man who works for a big St. Louis corporation has a penchant for ladies that is so pronounced as to verge on mania. Every new girl he meets he proceeds to fall desperately in love with and invariably begins operations by writing her a letter. The funny part of this letter-writing proclivity that he has lies in the fact



THE MIXED LETTERS.

that he cannot write a letter himself, but depends on a literary friend in the same office, whose vocabulary is wide and whose pen is facile.

Last week he found a new love. This one was incomparable—superb—the loveliest and most engaging creature on earth. He met her at a social function, waltzed with her, and his enslavement was complete. So eager was he to write her a letter that he hurried to the office two hours early next morning and as soon as his literary friend arrived he insisted upon his preparing a letter. He wanted something warm, he said—something that would simply "kill her first dash out of the box." And he got it. The letter that was prepared, was a scorch, as it did all but propose to the young lady. It spoke of "love at first sight," "undying affection," "soulful eyes," "delights of the terpsichorean maze," etc., ad infinitum.

At the same time the literary friend was asked to write something touching to the business manager of the corporation, asking him to consider the laborious efforts of the amorous young man during the past year, and, if found deserving of such recognition, to kindly advance his salary from \$8 per week to \$10.

Both letters were finished at the same time and handed to the love-sick swain and he copied them in his best spencerian hand, sealed them up, mailed the one to the young lady and hid the other on the business manager's desk.

Next morning he received answers to both. The business manager wrote that he regretted very much that Mr. Lovesick spent so much of the company's time and letter paper writing to young ladies. He also regretted that he would no longer need his services. The young lady wrote that she was extremely sorry to find that he was in such distressing financial circumstances as the letter, which she begged to return, would indicate and that she therefore begged to enclose \$1 to reimburse him for the flowers that he had that morning sent her. The trouble was that he had mixed the letters, sending that asking for the raise to the young lady and vice versa. He has sworn off letter writing now except in answer to help wanted ads.

SERIOUS THOUGHTS.

- You Will Never Be Sorry
- For living a pure life.
- For doing your level best.
- For being kind to the poor.
- For hearing before judging.
- For thinking before speaking.
- For standing by your principles.
- For stopping your ears to gossip.
- For bridling a slanderous tongue.
- For being square in business dealings.
- For giving an unfortunate person a lift.
- For promptness in keeping your promises.

Get this Package When You Call for It.

PAINE'S CELERY COMPOUND

A TRUE NERVE TONIC.
AN ACTIVE ALTERNATIVE
A RELIABLE LAXATIVE
AND DIURETIC

IT RESTORES STRENGTH.
RENEWS VITALITY.
PURIFIES THE BLOOD.
REGULATES THE KIDNEYS.
LIVER AND BOWELS

PRICE \$1.00

PREPARED BY
WELLS, RICHARDSON & CO.
SOLE PROPRIETORS
BURLINGTON, VT.

And Don't Be Defrauded by any Substitute That Some Dealers Try to Sell You for the Sake of the Larger Profit!

Leading dealers everywhere sell

FERRY'S SEEDS

Don't risk the loss of time, labor and ground by planting seeds of unknown quality. The market is full of cheap, unreliable seeds. FERRY'S SEEDS are always the best; do not accept substitutes. Seed Annual Free. D. M. FERRY & CO., Detroit, Mich.

SURE CURE FOR PILES

Itching and Bleeding, Swelling or Protruding Piles. A cure by DR. SO-SAN-KO'S PILE REMEDY. — Drops, salve, ointment, or a positive cure. Contains acid free. Price 25c. Druggists or mail. DR. HONANKO, Phila., Pa.

EVERY HEN

Hatched in Petaluma Incubator and started right, and is better prepared to give profitable returns because these machines exclusively employ the features which produce the greatest number of vigorous Chickens. Incubators from \$10 up. Petaluma Incubator Co., Petaluma, Cal.

OPIUM HABIT DRUNKENNESS

AND CURED IN 10 TO 20 DAYS. No Fee till Cured. DR. J. L. STEPHENS, LEBANON, OHIO.

.WANTED. A SALESMAN

To handle the largest and best line of SCHOOL SUPPLIES ever offered on this coast. Exclusive territory given. A most liberal proposition to a GOOD MAN. Address, THE WHITAKER & RAY CO. 723 Market Street, San Francisco

FRAZER AXLE GREASE

BEST IN THE WORLD. Its wearing qualities are unsurpassed, actually outlasting two boxes of any other brand. Free from Animal Oils. GET THE GENUINE. FOR SALE BY OREGON AND WASHINGTON MERCHANTS and Dealers generally.

PISO'S CURE FOR

CURBS WHERE ALL ELSE FAILS. Best Cough Syrup. Tastes Good. Use in time. Sold by druggists.

N. P. N. U. No. 687.—S. F. N. U. No. 794