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The Scrap Book

SUN'S RAYS AS ALARM CLOCK

Many Reasons Why the Device Is Better Than the Ordinary Loud-Sounding Gong.

About the most gentle way in which to awaken a person is by the rays of the sun falling on the sleeper. This principle is incorporated in the silent alarm proposed to the Electrical Experimenter by J. A. Weaver. A nitrogen tungsten lamp of high wattage is mounted within a reflector, which is in turn mounted on either the headboard or footboard of the bedstead in an adjustable manner so that the light rays may be focused upon the pillow.

This light is controlled by a time switch or suitable alarm clock arrangement to turn the current on at a predetermined time; the circuit should be opened by a switch located at a point distant from the bed.

It is also advised that a good lens be used to increase the strength of beam if necessary. After one is awakened, the flood of light will render the chance of dropping off into further slumber improbable, and you will be persuaded to rise and "douse the glim."

HIGH BRIDGE BUILT OF STONE

Structure Across Landwasser River in Switzerland Remarkable in This Age of Steel.

The illustration shows one of the highest stone bridges in Europe. It is known as the Wiessen viaduct and supports a portion of the Albula railroad

THE NEW WIESSEN VIADUCT

in Switzerland over the Landwasser river. The lofty piers are built-up masonry. The bridge is nearly 700 feet long and is 289 feet above the river.

Lessons From the Strike.

An Old Country writer meditates thus:—The following lessons were taught the residents in England by the recent railway strike: Philosophy; the value of humor; that there is no place like home; that places seem a long way off; that money is cheap; that saccharine still exists; that fine weather is a jewel; that we are argumentative; that a bicycle adds to one's independence; that walking is dignified, and that scooting isn't; that roads were made before railways, and go to more places; that sweet negotiators are bitter fighters; that a motor car's capacity has nothing to do with the number of its seats; that it is a long strike that worries a schoolboy; that little was known of England's highways and byways; that there are more ways of getting to a place than flying; that we like to be companionable; that few folks can state plain facts plainly; how well off we have really been since the war ended.—Montreal Herald.

Father Was Right.

One of our neighbors has a phonograph which does not play well. We were invited one night over to their house for supper, and as we have a little daughter we were supposed to take her along. As we were on our way to the house I remarked to my wife that I did not like to go because of the phonograph and also remarked that it was too tin-canny. When we were through our meal, we went into the parlor and they began to play the phonograph. After the first song was over our little daughter, who must have heard me remark about the phonograph, exclaimed: "I guess you were right, daddy, when you said that that phonograph was tin-canny." Never went into that house again.—Chicago Tribune.

Mayor Dietrich's House.

There appears to have been some confusion as to the actual house in which the "Marseillaise" was first sung. It was the house of Mayor Dietrich in the Place Broglie in Strasbourg; No. 4 and not No. 2. In a sale contract of the 22d of September, 1739, the house is referred to as flanked on one side by the Hotel des Nobles de Stein, now the property of Mr. Jean-Jacques Richshoffer, and on the other by the "hotel" of M. le Baron de Manger. These two houses are Nos. 3 and 5 of the Place Broglie. Mayor Dietrich's must then, necessarily, have been No. 4.

Italy Densely Populated.

Italy is more densely populated than any other large state of Europe. The land is held by large landowners, who carry out irrigation work and lease it in small parcels to the peasantry. Rents are high, and the people get only a meager living from the soil.

TAKING SIDES.

Every question has two sides;
So runs a good old song.
In every difference abides
A right side and a wrong.
But still more sides, we find, begin
Our judgment to confuse,
There is a side that's going to win,
And one that's going to lose.

And presently more sides are seen
To bother us anew,
As custom makes a choice between
The old side and the new.
By subtle influence we're drawn
Into still further doubt.
Man wants to know if he is on
The inside or the out.

And thus from side to side things go
Throughout this life so vexed,
And very few of us may know
What side will turn up next.
The simplest, safest way, we'll find,
As mortals jog along,
Is keeping just two sides in mind;
The right side and the wrong.

WILLING TO HELP HIM OUT

Sentry Didn't Want to Be Unreasonable, but He Had to Have That Password.

The new recruit, being a very promising young fellow, was put on guard after he had been a soldier only a week. He was given strict instructions not to let anybody pass until they gave the password. The word chosen was "Efficiency."

He had been on duty about two hours when he was aroused from his reverie by the sound of footsteps approaching in the darkness. He challenged:

"Halt! Who goes there?"

And a voice from the gloom replied:

"It's quite all right. It's your colonel."

"I'm sorry, sir. I can't let you pass without the password."

"It's quite all right, I tell you. I'm your colonel."

"Well, I'm very sorry, sir, but I've got my orders, and you can't pass this 'ere tin opener till you say 'Efficiency.'"

Chemical Warfare Service.

In the argument that is going on to determine whether the chemical warfare service is to be a separate unit of the army or to be included in the engineer corps, note should be taken of the probable developments of the future. Anyone with a sense of perspective and proportion must admit that these are unlimited. Like the air service, this branch of the army is in our opinion destined for an expansion that will necessitate its recognition and establishment as a separate bureau. Had the war continued a few months, our chemical warfare service would have been using gases which produce an absolutely lethal effect lasting forty-eight hours, but leaving no permanent effect.—Scientific American.

Strange Indian Names.

A recent issue of the Ogala Light, the monthly magazine of the Pine Ridge Indian reservation school near Rapid City, S. D., gives some peculiar names among those listed as students. Lizzie Shot to Pieces is at the end of the list. Other names include Victoria Holy Rock, Julia Afraid of Hawk, Mary Brown Ears, Julia Crazy Ghost, Mercy Yellow Shirt, Emma No Fat, Ella Red Eyes, Martin Chase Alone, Noah Horse, John Left Hand and Julia Stand Up. Out of 93 students attending the school only four have French names and seven names of English origin.

The Latest in Wedding Rings.

To an observer the wedding ring dates the marriage. About a year ago the "curtain" shape was in vogue. Today the pattern is half-round and plump, and very narrow. It is comfortable to wear with other rings. In gold it costs about $12, in platinum $55. The average Englishwoman prefers the gold ring, while some women on this continent have platinum or even a jeweled circlet.

Gives Mountain to Honor Tommies.

Lord Leconfield, who donated his home in Mayfair, London, for use as an American officer's club for two years, has given Scawfell pike, the highest mountain summit in England, to the nation in honor of British soldiers of the world war. No monument will be placed on the summit, but a suitably inscribed rough stone may be placed in the existing cairn.

Motorsleigh for Arctic Regions.

An old Alaskan "musher" has devised a motorsleigh which, fully loaded, can travel over an arctic trail at a speed of 25 miles an hour, regardless of drifts, gullies, logs or windfalls. The sled is 25 feet long and three feet wide. It skims over the snow "like a hydroplane over water."

How He Saved Money.

Mr. Bear—Do you find telephoning expensive?

Mr. Lamb—Sometimes; but I saved money by it today.

"How? Didn't you use it?"

"Oh, yes. I called up my broker four times, but the 'voice with a smile' told me the line was busy every time."

And So They Were Married.

He—A penny for your thoughts.

She (coyly)—Oh, I really can't tell you. This is not leap year.—Boston Transcript.

Not a Contract Job.

Noah did the biggest piece of work in the shortest time that was ever done by any man. But Noah worked on the job himself. He didn't build the ark by contract, on the cost-plus basis. He built it himself and boarded himself. If Noah had asked for bids and let the job to the lowest and best bidder, excusing the contractor for loss of time consequent upon inclement weather and labor disturbances, the flood would have come and caught Noah and his family without protection. When we come to consider the consequences of such an outcome we can see how grateful we ought to be to Noah that he worked as a workman instead of standing off to one side like a dodgasted capitalist.—Utica Globe.

Magnetism.

In October, 1815, Napoleon Bonaparte landed at St. Helena, a perpetual exile. For six years he listened to the sea-mew's call, in exchange for the thunder of submissive cannon. But his name still shook the world, and kings looked startled if in conversing with ministers, the great Corsican blocked between oceans, entered as a subject of conversation or of debate. Does "magnetism" explain the hold that the man, 57 inches high, had on Europe? Does "magnetism" explain the awe that the funeral cortege awakened as it swept from ocean to ocean, and with the dying words of the shaker of continents, "I desire that my ashes repose in the heart of the people which I have so loved!" gave those sacred remains to France?

Convicts Humanely Treated.

The old bad business of forced labor on the treadmill has gone out long ago, and nowadays all prisoners are set to useful work of some kind or another, says the London Times. All have a chance of learning a trade, if they have not got one already, and the better and more steadily they work the higher they rise in the convict scale. By so rising they get better food, better accommodation and more privileges in the way of visits and letters. They may also obtain a remission equal to a quarter of their original sentence. The whole system is in every way more humane than formerly, and in these days the idea of the state is to reform a criminal, not to revenge itself upon him.

Was This Dog a Ghost?

At Umbayo, South Africa, John Jeter, an English settler, owned a very fine hound that was run over and killed by a train. For months after the Jeter family was much annoyed by the wild whistling of the passing trains. On complaining of this, they were told by the engineers that they should keep their dog at home, that the whistling was merely a warning to the dog, which was always on the tracks. The engineers described the dog with such accuracy that the family was greatly mystified, especially when the engineers added that the dog would always refuse to leave the track until the engine was almost upon him.

Britain's Great Good Fortune.

England nearly lost the tremendous start which the invention of the locomotive gave her in the world's trade. George Stephenson at one time struck a bad patch. His wife died and left him an infant son, the man who later on built the Northwestern and half the trunk lines of Britain. His old father met with an accident which deprived him of his sight, while George himself was drawn for the militia, and had to find a substitute, or pay a big sum, for him. In his despair he would have emigrated to America, if he could have raised his passage money. But he remained in the old country, where great triumphs and much prosperity awaited him.

Precious Amber.

Men dig for amber, fascinating fossilized resin of prehistoric pine-trees—that resin which has taken millions of years to convert into its present state—with all the eagerness and greed of those who search for diamonds. The world's supply of amber is obtained from mines on the coast of Samland, in the eastern Prussian peninsula, between the towns of Burnstrort and Palmucken. These are the only amber mines known. Here countless ages ago, there were pine forests which the sea turned into stone and the natural resin of the trees into precious "electron" of the ancients or the costly amber of the moderns.

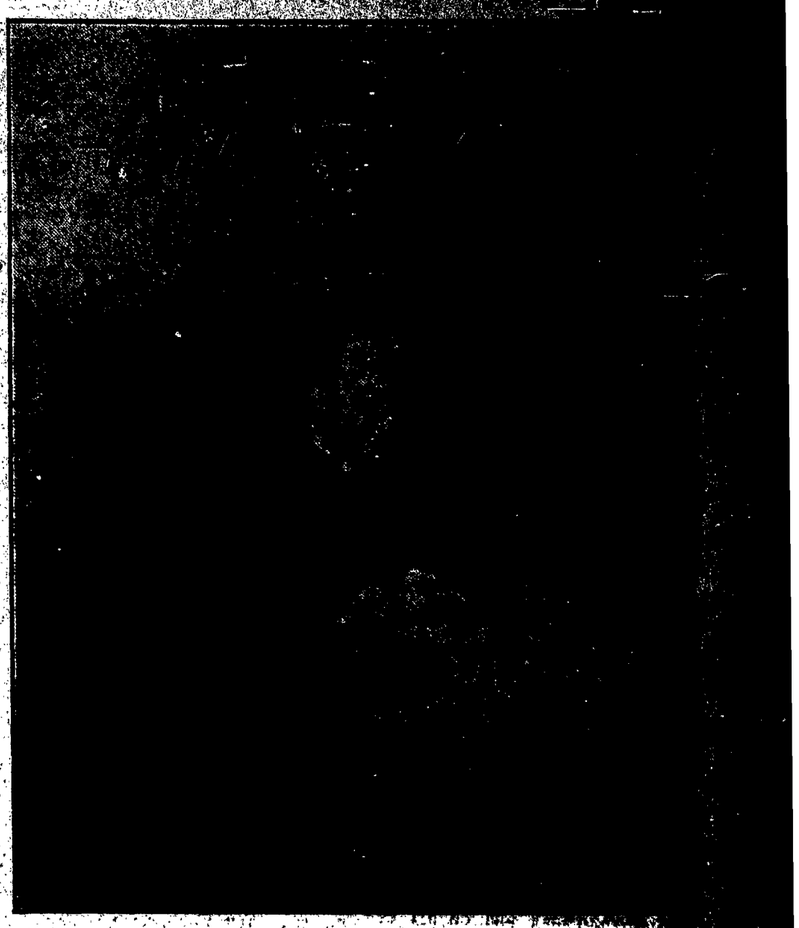
Spring.

Now is the season of sailing; for already the chattering swallow is come, and the gracious west wind; the meadows flower, and the sea, tossed up with waves and rough blasts, has sunk to silence. Weigh thine anchors and unloose thine hawsers, O mariner, and sail with all thy canvas set: this I, Priapus of the harbor, bid thee, O man, that thou mayest sail forth to all thy trafficking.—Leonidas of Tarentum (tr. by J. W. Mackail).

Before and Behind.

"One of my pupils," says a Buffalo teacher, "could not understand why I thought that the following paragraph from his composition on 'A Hunting Adventure' lacked animation and effectiveness: 'Pursued by the relentless hunter, the panting gazelle sprang from cliff to cliff. At last she could go no further. Before her yawned the chasm and behind her the hunter.'"—Montreal Daily Star.

Thrift Cure For Anarchy Says New York



ARCHBISHOP PATRICK J. HAYES INDORSING THRIFT CITIZENS MOVEMENT.

Copartnership in the Government through investment in Treasury Savings Certificates is an antidote for anarchy and social disorder, in the opinion of Archbishop Patrick J. Hayes, ranking prelate of the New York diocese of the Catholic Church.

In an endorsement of the Thrift Citizens movement of work and save now being conducted by the Government Loan Organization, U. S. Treasury Department, Archbishop Hayes has urged the clergy under his jurisdiction to advise their congregations to become actively interested in thrift. It is one of the methods by which the high cost of living may be reduced, the prelate declares.

His endorsement of the Thrift Citizen movement, an intensive effort to obtain the enrollment of leaders in thrift throughout the Second Federal Reserve District, is contained in a letter to the Catholic clergy in this district. It follows:

"The United States Government, realizing that prompt measures must be employed to allay the prevailing unrest, is appealing to the good and sane judgment of the [illegible] their support in a movement which will reduce primarily the high cost of living.

"In all the churches of the city of the country the plan will be explained to the people, and they urged to co-operate with the Government by learning the [illegible] spending, regular [illegible] and of investing in Government [illegible].

"This drive is not to obtain [illegible] rather it is to make people save not for a brief period. It is to cultivate the habit of thrift in our people because stockholders in Government, as they will be by buying Thrift Savings Certificates, anarchy and social disorder will [illegible] or menace peace and prosperity.

"I would suggest that you carefully the literature [illegible] urge upon your people the [illegible] taking an active interest in the movement."

A NEW SLOGAN FOR OLD CUSTOM

"Make This a Thrift Christmas" if You Want to Be in Style This Year.

The slogan for the holidays recommended by the Government Loan Organization in carrying on the Thrift Citizens movement in this district is, "Make this a Thrift Christmas."

Two objects in the Thrift Christmas idea are: First, to encourage the giving of serviceable Christmas presents, and second, to discourage the practice of exchanging useless articles.

Co-operation of the various women's organizations, members of Thrift Clubs in this district and others, is sought in an effort to popularize the idea.

Considerable time, energy, money and material are wasted every year through giving useless Christmas presents. Nobody gets any permanent good out of them except in the sentiment attached to the gift. This annual exchange of presents, however, is a custom that should be preserved. The same sentiment can be expressed in a gift that will carry some actual benefit to the recipient.

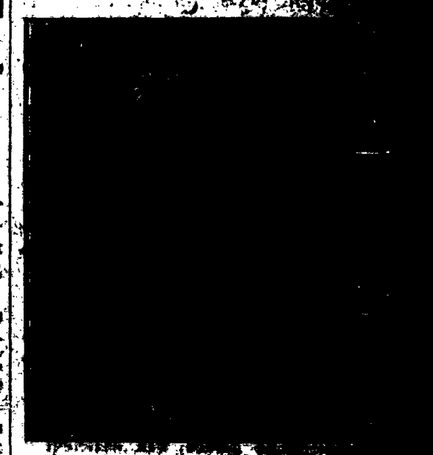
With the present high cost of living it is more important than ever that every dollar should be made to count. Wisdom and judgment should be used in making purchases. Articles selected should have a real value; should be needed by the person for whom they are intended. Most folks would rather have common-sense presents. Every one would be happier and much better off Christmas if they gave and received "Thrift Christmas" gifts, such as Savings Stamps and Treasury Savings Certificates.

Hundreds of banks and corporations this year will make payment of annual bonuses to employees in the form of Treasury Savings Certificates.

SELL IT!

Gather up your junk—in your closets, your barns, your sheds, your old trunks, your garages. Gather it up from the old hiding places. Sell it. Invest the money so secured in SAVINGS AND THRIFT STAMPS. Some may even be able to invest in a $100 REGISTERED TREASURY SAVINGS CERTIFICATE.

OVER THERE AND OVER [illegible]



As commander of the [illegible] division that [illegible] Hindenburg Line, Major [illegible] F. O'Ryan supervised [illegible] tions on a huge scale, [illegible] of dollars in [illegible] ment. Now that he is [illegible] United States, he is [illegible] of saving, and has endorsed [illegible] Citizen Movement, [illegible] smash the high cost of living [illegible] encouraging consistent [illegible] spending.

HEAP BIG INDIAN [illegible]

Out among the [illegible] Washington, the [illegible] hold like a forest [illegible] of wastefulness, [illegible] with the American [illegible] being set aside for [illegible]

One of the most [illegible] thrift among the [illegible] Julia, an aged [illegible] upon by [illegible] great [illegible] "Save!" [illegible] know it is [illegible] with more [illegible] local War [illegible] to buy War Savings [illegible] ture Savings [illegible]

Recently [illegible] Director of [illegible] ganization [illegible] recently [illegible] the "Order [illegible] dis[illegible] Blanket [illegible] [illegible]