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MEAN TO STAMP OUT OBEAH
Authorities Will Put Stop to Practice Too Long Prevalent in the Virgin Islands.

The American officials of the Virgin Islands have taken steps to deal with the novel but serious crime of obeah, which has long been practiced in the islands. Matilda Francois has been arrested and incarcerated as an obeah woman, and announcement has been made that prompt action will be taken by the Americans to show that this wicked and shameful practice must cease.

The obeah is a sort of first cousin of the voodoo of darkest Africa, which is said to be still practiced in the interior of Hayti, and which has not been entirely stamped out in other islands of the West Indies group. The obeah man or woman sets up as a sort of witch doctor professing to cure all ills by use of charms, to be skilled in the preparation of love philters, and of concoctions that are believed to be certain to bring harm to the enemy of the victim who pays.

Superstition still has such strong hold on the minds of those who believe in obeah that they pay their good money and protect them in court until obeah cases at times have become the bane of officials. Often convictions are only brought about through deep-laid plots and skillful work on the part of the police.

SUCH A SMART BROTHER

But It Is Entirely Probable Sister Did Not Appreciate His Peculiar Form of Wit.

A young lady in Lakewood is of the opinion that she is grown up—in which opinion she is not encouraged either by her parents or her older brother. She is fifteen, brother is sixteen. She thinks that young men should be allowed to call on her in the evening; brother jeers, parents shake their heads.

Finally the girl's mother consented to her having a certain approved boy call, provided he came on a Friday evening. And the excited damsel called the favored youth up on the phone and imparted the glad news. It is presumed that the young man (he was all of eighteen years old) spent a good deal of time at his toilet that evening—certainly the young lady took great care of hers. She was still primping when the swain rang the doorbell. Brother answered.

"Ah," began the caller, clearing his throat. "Is Miss Jones at home?" "Come in," answered Brother, equivocally. Then he went to the foot of the stairs, and called— "Molly! Quit cuttin' paper dolls an' come downstairs. One of your playmates wants to see you!"—Cleveland Plain Dealer.

Eucalyptus Valuable Tree.
Eucalyptus will grow under many adverse conditions, so long as they are protected from frost. The young trees cannot stand frost, and this fact has restricted the growth of the species to certain favorable sections of California and the Southwest. On the other hand, the trees will thrive on very poor soil and they do not require very much attention. Some of the largest commercial plantations, maintained by railroad companies for tie-making purposes, are located along the shores of the Pacific ocean near San Diego, where their principal moisture comes from the heavy fogs that roll in from the sea, and which are absorbed by the leaves.

Looking into the Future.
An eminent engineer has predicted that in time to come the rivers of the United States will no longer flow as they do today. Each important stream will be merely a series of sluggish lakes, with electric power stations in between. All the little streams will be wiped out, and their waters combined into the great ones that are to supply the heat, light and power of the future.

Cause of Apoplexy.
Despite the fact that medical men look upon apoplexy as nine-tenths predisposition, the courts and litany have at times regarded it as almost traumatic in its nature. The physician thinks in terms of the blood pressure, hypertrophy of the heart and vascular degeneration, and to a much less extent to muscular effort and emotional stress, for these factors only precipitate an inevitable accident. An exciting cause may be minimal, a sudden exposure to cold, or absent altogether.—Medical Record.

AMERICANS AND TRUE DEMOCRACY

Dollars Are Needed as Exemplification of Spirit.

TIME TO BUY LIBERTY BONDS

Citizens Must Lend Their Financial Assistance to Government to Forever Eliminate Effects of Germany's Influence.

By GEORGE E. BOWEN of the Vigilantes.

In the main, it cannot be said of America that she is without her Americans, or that the faith and service of the mass is un-American in spirit.

Dollars do not always go with democracy, but when informed, inspired and enlisted they can be mighty useful to it.

There has been a mistaken idea in certain sections of America that dollars, according to the number of them, spelled "aristocracy."

They don't. That is an imported idea. And that it is perishing in the land of its origin, witness the war and the consternation of the few aristocrats, both external and inbred.

There have been, possibly are, a few external aristocrats in America, who, in a moment of excessive vanity measured their social importance by the size of their material fortunes.

The war erased that absurd notion, almost with the first blare of the trumpet.

Millionaire Privates in Ranks. There are millionaire privates in the ranks of the American army and navy who have renounced all the prestige of fortune for the privilege of comradeship.

In the crucial test humanity was first, last, and all the way between. Men are more than money. The outer veneer has been quickly shed. The man has emerged.

What he thought was his pride, in days of social and financial triumph, he finds was but a cheap and trivial plaything. Now, his real pride is a thing of purpose, power and dignity.

Before the war is over, dollars that hid in aristocratic seclusion or vaunted themselves in ostentatious power are going voluntarily and humbly to join the forces of democracy.

After the war they are going to develop a system of popular redistribution relieving the old congestion whose fevers broke out in many forms of luxury and extravagance incompatible with universal contentment.

The only aristocracy America wants or needs is of the heart and of the mind.

The shoulder touch of men on the march or in the trenches has welded this feeling into a living creed, a saving faith.

The eschewance of American manhood may be either a splash of Belgian mud or a splotch of German blood.

Drawing True Men Together. In place of the dollar crest will be the sign of the courage test.

There was a lot of sound democracy in the old ultimatum—"millions for defense, but not one cent for tribute."

Therein is the basic principle of resistance to Prussianism. That principle is drawing all true men together. It is putting service above self. It is asking America to take the gold of vanity and pour it into the cause of humanity.

The spirit of democracy is the only vital, uncompromising thing in a human world. It laughs at dollars and dynamite and royal degenerates.

The America amounted of this spirit is at last to carry it forth to a perishing world.

And the despised American dollar shall, with the courage, generosity and chivalry of American manhood, be the instrument of salvation.

The day of contribution is at hand. Where is your dollar?

NO EXEMPTION

If you cannot launch a bullet at the fender across the sea.
Buy a bond!
It will reach its little target straighter than a homing bee.
Buy a bond!
If you've bought a lot before.
Don't believe you've done your share—
Buy a half a dozen more!
Buy a bond!
—Strickland Gillian.

First Colonial General Hospital.

It was on February 7, 1751, that the first general hospital was chartered in the colonies—the Pennsylvania state hospital in Philadelphia. Joshua Crosby was the first president of the institution, and Benjamin Franklin, who had been prominent in urging the establishment of an institution for the cure of the sick, was the first clerk. It was in this hospital in 1789 that Thomas Bond gave the first clinical instruction in America.

The Difficulty.

"I understand young Loftus draws quite a small salary in his clerical position. He could make much more just now by going into a factory."
"Yes, but then he would have to draw wages."

Some Needed.

"That baby does nothing but scream all the time."
"Well, dear, I'm as loyal as you are, but you must agree with me that this is one case where we must be patient lists."



DR. FREDERICK G. COTTRELL

Scientist Has Discovered Way to Stop Enormous Waste of Fuel

AMERICA sends billions "up in smoke" yearly because of the enormous waste in the fuel used by our industries. On the other hand, there is a man in Washington who has discovered how to turn smoke into money and he is now busily engaged teaching the rest of the country how to perform the same trick. He does this by means of devices which, through electrical precipitation, not only reclaim vast wealth from the smoke, dust and fumes of smelters and other plants, but at the same time redeem thousands of acres of near-by land. As a matter of fact, the curb which he has put upon the smoke and dust nuisance—his original aim—now actually bids fair to be, in some directions, the primary reason for the running of certain of our industries. The smoke wizard who has accomplished these remarkable things is Dr. Frederick G. Cottrell, chief metallurgist of the bureau of mines.

Doctor Cottrell's experiments began several years ago when, as a member of the staff of the University of California, he was called upon to solve the problem of helping a smelter located on San Francisco bay. The waste gases and vapors from this smelter, resulting from the sulphuric acid parting process used in treating gold and silver bullion, were declared a nuisance by neighboring farmers and seemed likely to provoke costly litigation and possibly lead to a shutdown of the plant.

The gases discharged into the air amounted to substantially 5,000 cubic feet per minute and held in suspension an important proportion of sulphuric acid in the form of a fine mist. The corrosive action of the sulphuric acid was shown throughout the entire zone swept broadcast by the shifting winds, and both the agriculturists and the people generally had ample reason for complaint. The smelter was a profitable one and the management was anxious to find some way to abate a nuisance that was both a menace to health and hurtful to vegetation.

Laboratory Meets Industry.

Doctor Cottrell's preliminary work brought up some puzzling situations. Up to a certain stage matters went well enough on the miniature scale of the investigational tests, but beyond this was the question of meeting the practical situation presented by a large commercial smelter. A big part of Doctor Cottrell's achievement lay in spanning the gap between the laboratory and the industrial plant and in finding ways to control the enormous pressures of the necessary electric current, mounting up to 100,000 volts.

The problem was solved, however, and so well was the precipitator installed at this smelter designed that it has been doing its work satisfactorily ever since. Further, by mere chance Doctor Cottrell attacked at that plant what is commonly admitted to be the most difficult of all problems of smoke or fume abatement, viz., the precipitation of acid mist.

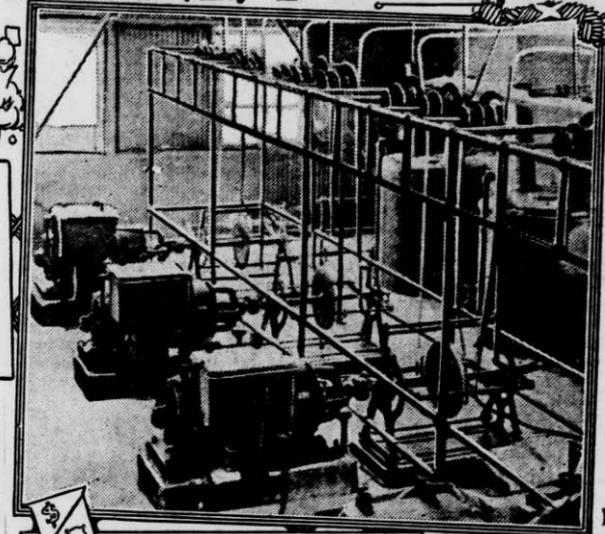
The good results obtained in this first instance soon became widely known and a new line of application was opened a few years later when the great copper smelter at Balaklava, Cal., was threatened with fume litigation by the United States forestry service. "Fume," or fine particles in the form of smoke, and sulphur dioxide gas, invisible to the eye, given off from the stacks of the smelter, had swept the neighboring country bare of vegetation for miles, and it was a case of either a shutdown or a suppression of these destructive discharges.

A full-sized plant of the Cottrell type was, accordingly, installed. The volume of the gases treated averaged

Character Told by Tongue.

Someone has discovered a new science that he has named "Glossomancy." Americanized, it is tongue-ology. The owner of a short broad tongue is untruthful and unreliable. The owner of a long broad tongue is shallow, superficial and a great talker. The owner of a small, round and plump tongue is mediocre, commonplace and colorless. The owner of a short and narrow tongue is quick-tempered yet affectionate and as sudden in hate as in love. The owner of the

TURNING SMOKE and DUST INTO MONEY
Robert H. Moulton



TRICH POTASH RECOVERED AT CEMENT PLANT

between 200,000 and 300,000 cubic feet per minute, and during the filtration tests made of the gases throughout a period of nine months it was found that the electrical precipitator recovered between 80 and 90 per cent of the suspended matter. With improvements in detail of construction, the efficiency later was raised well up into the nineties.

Great Wastage in Smoke.

The general public has only the faintest notion of the wastage represented in the fumes and smokes from belching stacks quite apart from the beneficial economies following from their abatement where the nature of these outpourings is harmful to man and vegetation. In the smelting lead the fume contains anywhere from 3 to 10 per cent of the volatilized metal in the form of lead oxide and lead sulphide, with compounds of arsenic and antimony. This percentage is well worth recovering. Doctor Cottrell is authority for the statement that not less than 36 valuable substances are found in fumes which, if not collected, would be lost during the smelting and refining of various ores, etc.

At Great Falls, Mont., there was at one time a daily loss in dust from the stacks of one of the large smelters of 3,775 pounds of copper, 106 ounces of silver, and 0.71 ounces of gold. By an adequate provision for dust recovery, this smelter was able to save in the course of a single year metallic values amounting to \$130,263.

The blighting gas, sulphur dioxide, given off from the stacks of copper smelters can be transformed into useful substances by turning the gas into sulphuric acid or sulphur. Sulphuric acid is largely made here by treating pyrites, and we now consume annually in the neighborhood of 6,250,000 tons of 50 per cent sulphuric acid. To a great extent this corrosive fluid is a prime constituent in the preparation of fertilizers, especially where phosphate rock is treated for this purpose. It is also used in converting the ammonia by-products of cooking ovens into ammonia sulphate. Sulphuric acid is in great demand by explosive factories, oil refiners, steel mills and varied industries engaged in the making of heavy chemicals. Sulphuric acid is likewise extensively employed by smelters and the latter are paying as high as \$30 a ton today for the stuff. Sulphur dioxide is used in the preparation of wood pulp for paper making, both as a disintegrating and bleaching agent.

In dealing with noxious or objec-

long and moderately pointed tongue is frank, loving, truthful and affectionate. Now all this may or may not be true, but I will advise you, young man, to quit eye-gazing and study her tongue.—Scalopo, the Scribe.

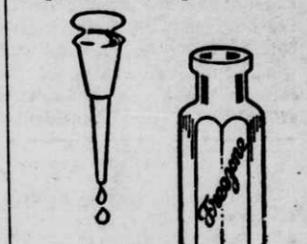
Caillaux's Aplomb.

There is going the rounds in Paris a characteristic story of M. Caillaux. The other Sunday afternoon he appeared for the last time before the committee of eleven, charged with investigating his case. He had, as usu-

NO CAMOUFLAGE IN THIS STORY

APPLY A FEW DROPS THEN LIFT TOUCHY CORNS OFF WITH FINGERS.

Don't hurt a bit! Drop a little freezone on an aching corn, instantly that corn stops hurting, then you lift it right out. Yes, magic!



A tiny bottle of freezone costs but a few cents at any drug store, but is sufficient to remove every hard corn, soft corn, or corn between the toes, and the callouses, without soreness or irritation.

Freezone is the sensational discovery of a Cincinnati genius. It is wonderful.—Adv.

Parable.

Autocracy and his pal, Militarism, had been away on a long fishing trip, and were returning home.

"Where are the fish?" asked Herr Deutschland, who had remained at home cutting bait and renewing the fishing outfit at intervals.

"They got away," said Autocracy and Militarism.

"Fraulein," said Herr Deutschland, "fetch me the axe, the double-bladed one."

Important to Mothers
Examine carefully every bottle of CASTORIA, that famous old remedy for infants and children, and see that it

Bears the Signature of *W. C. Little*. In Use for Over 30 Years. Children Cry for Fletcher's Castoria

Knew What He Wanted to Say.
My little nephew is trying hard to be polite, but sometimes he gets things twisted. One day, as I turned around rather suddenly, I accidentally gave him quite a bump with my elbow right in his eye.

"Oh, excuse me, dear!" I exclaimed, contritely.

"You're welcome," he answered, amid his sobs.—Chicago Tribune.

Juice of Lemons! How to Make Skin White and Beautiful

At the cost of a small jar of ordinary cold cream one can prepare a full quarter pint of the most wonderful lemon skin softener and complexion beautifier, by squeezing the juice of two fresh lemons into a bottle containing three ounces of orchard white. Care should be taken to strain the juice through a fine cloth so no lemon pulp gets in, then this lotion will keep fresh for months. Every woman knows that lemon juice is used to bleach and remove such blemishes as sallowness, freckles and tan and is the ideal skin softener, smoothener and beautifier.

Just try it! Get three ounces of orchard white at any pharmacy and two lemons from the grocer and make up a quarter-pint of this sweetly fragrant lemon lotion and massage it daily into the face, neck, arms and hands. It naturally should help to soften, freshen, bleach and bring out the roses and beauty of any skin. It is wonderful to smoothen rough, red hands. Adv.

Willing Worker.
"Don't you know it's agin de law not to do any work in dis state," remarked Meandering Mike.
"Well," replied Flodding Pete, "I'm workin'. I'm workin' my way out of dis state jes' as fast as I kin."

FOODS TASTE BETTER COOKED —TOBACCO TASTES BETTER TOASTED

Since the day of the caveman, who liked his meat raw, civilization has learned a lot about the scientific treatment of the things we eat.

Naturally none of us would now prefer to have our meat raw, our potatoes as they come from the ground, our coffee unroasted.

And naturally follows the great discovery recently made by The American Tobacco Co.—that tobacco tastes better TOASTED!

This wonderful new idea—simple like all great inventions—was first used in producing the famous LUCKY STRIKE Cigarette—made of toasted Burley tobacco.

Burley has a mellow flavor, entirely different from the tobacco usually used for cigarettes. It is a pipe tobacco and LUCKY STRIKE Cigarettes taste like a pipe. Adv.

Saying nothing at the right time is equivalent to saying the right thing.