I WILL REFUND YOUR MONEY IF IT FAILS.

MUNYON, Philadelphia.

HOW SCIENCE IS USED

weapons at his command.

the farmers were using the perambu-

lating bonfires for purposes of celebra-

tion. As a matter of fact, the movable

"smudge" is one of the devices for re-

States Government publication. Did it

stories told by the returning trout fish-

erman. The owner of this ranch caused

50 feet high. At the top of each mast

was fastened a sprinkling device

through which water could be forced,

On nights when the temperature sinks

to the frost point the pumps begin to

other materials for covering the growmg crops.

This is a great country, but there is

enough the equator to be entirely free

from frost. In some parts of the North-

frosts may occur from the latter part

of October until the early part of April,

From December until early in March,

be extended southward well over central and even southern Flordia. Conse-

quently, the farmer and orchardist,

wherever he lives in the United States

must be ready to battle with the frost,

mails, the telegraph and the telephone,

he is promptly notified when to light

stretch the protective screen.-Phila-

Hundreds of engineers are graduating from the schools of Germany who

are well prepared in the various branches of learning connected with

manufactures, and are well fitted to

construct or to direct in a scientific

manner large factories in foreign coun-

tries. This may be attributed to the

Notwithstanding the large production

of petroleum in Russia the use of illuminating cil in the country is small. It

has been limited by a tax on refined cil.

tion and to substitute for it a tax on

At the recent Olympian games in

for heavyweight throwing. With one

all crude oil produced.

technical high schools of Germany.

delphia Ledger.

be erected on it a number of masts

A Price 25c Relieves



THE UNCONSCIOUS HUMORIST. THE IRONY OF THE MAT.

PURSUED BY HIS SHADOW.

FAINT HEART NEVER WON FAIR LADY.

"Splendid," he groaned, bracing his which they were standing opposite each other until it flew into the foliage of the oak from a branch of which it

eyes. It was not dizziness that laid hold of him, but fear—downright fear. He saw nothing was conscious of the saw nothing was conscious to the saw nothing was conscious of the saw nothing was conscious of the saw nothing was conscious to the saw nothing was conscited with the saw nothing was conscious to the saw nothing was con eyes. It was not dizziness that laid sisted in calling him a wax doll. riveted as if the glorious vision were have many years to wait before he

his only means of safety. into the foliage, and tore off a bunch of leaves. The action gave the swing a not say so. jerk as if its chains were breaking. "For heaven's sake! Suppose you were to turn dizzy-

"Oh, there isn't the slightest danger; but, Roderick, your face looks like buttermilk. Well, on my account-no, on yours, I mean-

cautiously climbed after.

hearing him draw a breath of relief. He smiled constrainedly. that sounded! "It was anxiety for you.

Gerda, you know, or at least suspect, say something pointiess. Besides—Oh, bow do you do Assessor?"

ball in the city, and they had become such good friends that he had found time to remove the dust of oblivion

at once decided that she would ener- Finally he was frightened with his own owners and dwellers by an arbitration getically further possible designs on shadow. It was sitting in Gerda's swing, court.

ther only daughter

Roderick was what Is called a good thin legs against the heavy swing in his profession, that of law, and retire match. He had money enough to quit of the oak from a branch of which it for her daughter, while Uncle Fritz, who could not imagine a decent man who could not imagine a decent man Things began to go round before his without some form of activity, per-

could expect a paying position, but-

Sudenly she dived with a daring hand Well, he was a man! Miss Gerda shared her father's opinion, though she did That night Dr. Roderick Mappes did not sleep comfortably. Why should this distant tower-room. connected with the rest of the house only by a spiral stair which was shut

have been assigned to him? The view. Another swing or two, and then she which Aunt Bertha had praised so fumped off. She bit her hips when he highly, could be seen only by daylight. will strain all the Uric Acid out of But at night-and especially this the blood and the Rheumatism will go "You weren't afraid?" she inquired, night, after a supper during which the assessor in his exasperating phlegmatic way had referred to the story know no fear!" How haughtily of Mr. Lienhardt's predecessor, who. after a wild career, had ended his life by a revolver shot in this very room! Then Uncle Fritz had treated them to "I suspect that you were going to a long dissertation on the many super-

partment, who was just emerging from the park.

Could he have been listening to their conversation? Well, at any rate, the interloper met with no better treatment at Gerda's hands than he, Roderlick.

He had made her acquaintance at a ball in the city, and they had become And now, shivering until his teeth chat-tred, he was pursued by that suggestion

time to remove the dust of oblivion from his somewhat remote bond of relationship with "Uncle Fritz, of Derental."

Murdered men, wild cats, ghosts and ladies in white, a whole army of grewsome visions, thronged in upon him. Then he received his "nephew" with a susticious cordialty, while Aunt Bertha whole arms continued with unsendurable vividness.

In the people of North Meibourne, Auslands to which this crop is confined are traila, decided at a recent local option boll that they had 37 superfluous which neighboring bodies of water can bottles. These have now been closed, and compensation awarded to their cranberry patches keeps the lower stratum of air comparatively warm

stretching out gigantic arms which grew longer and longer for every movement of the swing, until they caught him by the

feet.
Gerda was standing by. He saw her eyes sparkle, heard her mocking laugh, while the arms of the shadow closed about his body, tighter and tighter, until he had to fight for his breath—fight—fight. He awoke in a bath of perspiration.
The weather vane on the roof was creaking and groaning, and from the same came a peculiar crooning

sound.

He was as if paralyzed. Something not discernible to the naked eye seemed to be coming nearer and nearer.

He must flee—he must get where he could feel the presence of living beings, even if he had to spend the night beside the dog Hector on the hall floor. He sprang from his bed, seized his trousers, and, without stopping to put on anything more, snatched his hastily-lit lantern and escaped from the room.

But on the wall of the stairway in the light thrown upon it by the lantern, his shadow was hovering. A draft from an open window extinguished his candle.

Panic-stricken, he flew rather than

Panic-stricken, he flew rather than walked down the stairs, while an uncanny something was pursuing him. It caught at his feet just as he pushed open the door at the foot of the stairs.

A sudden light blinded him—only for a moment, but long enough for him to moment, but long enough for him to recognize a human form. To this unex-pected deliverer he clung with the strength of despair, groaning:

"Help! Save me from my shadow!"
A piercing shriek and a loud crash was
the reply. Then a door opened and in it
stood Mr. Lienhardt, dressed for hunting.
And amazed "Well." came from his big
chest at the sight of Martha Stevelin, the
stolid chambermaid half unconscious in stolid chambermaid, half unconscious in stold chambermaid, half unconscious in the arms of his unconventionally attired guest. Behind Mr. Lienhardt, Heinz Steinbauer was holding his sides with laughter. When Martha could speak at last, she uttered a contemptuous: "You ought to be ashamed of yourself,

Then the tortured man came to himself, and turned fiercely upon the assessor. But something caught him from behind, and threw him into a new paroxysm of

"Fasten your suspenders, my boy,"
Uncle Fritz said. "You are stepping on
them. Martha will bring you a cup of
coffee after your fright. Come in here,

but look out that you don't step on the pieces of the lantern. Well, here is my wife so early in the morning."

The lady of the house, waked by the roise, was standing there in a morning gown, trembling with wrath over what Martha had shouted to her on the way. gown, trembling with wrath over what Martha had shouted to her on the way to the kitchen. The explanation did not help matters.

"You had better dress or go to bed again," she remarked icily to the annihilated Roderick. "The pigeons on the roof won't do you any harm."

Some weeks later, in his bachelor quarers, Roderick Mappes read the announcement of an engagement between Heinz agencies in protecting his crops from

ment of an engagement between Heinz Steinbauer and Gerda Lienhardt.—Trans-lated from the German.

HE MEANT EVERY WORD HE SAID

Ex-Reeve's Rheumatism Cured by Dodd's Kidney Pills.

Was So Crippled That He Could Hardly Get Around and Could Get No Relief From Doctors or Medicines.

went deerstalking with him, as a pros- W. G. Cragg, the well-known merchant nothing, but the outlines of her girlish pective son-in-law. The young man, and ex-reeve of this place was the form, and to the latter his glance was to be sure, had no money, and would speaker and he evidently meant every

word he said. "It was the Inflammatory kind of Rheumatism I had and it crippled me up so that I could hardly get around to do my work in my store. I had the best doctors and everything in the line of medicines I could hear of, but

nothing even gave me relief.
"Then I tried Dodd's Kidney Pills and six boxes cured me completely.' off by a door from the floor below, have been assigned to him? The rior. tism is caused by Uric Acid in the blood. If the Kidneys are right they

> with it. Settlers' Low Rates West

Via the Chicago and Northwestern Railway every day from March 1 to May 15, 1905, settlers one-way secondclass tickets at very low rates from Chicago to points in U'ah, Montana, Nevada, Idaho, Oregon, Washington, California, also to Victoria, Vancou-Roderick looked out of the corner of his eye, like a chained dog, at the light-haired giant in the uniform of an official of the woods and forest department, who was just emerging from the park was the park.

Even during the preceding nights Dr. California, also to Victoria, Vancouver, New Westminster, Rossland, and other points in the Kootenay district. Correspondingly low rates from all points in Canada. Write for full particulars and folders to B. H. Bennett, ver, New Westminster, Rossland, and sprinkler at its top.

use Lever's Dry Soap (1 powder) to

COLD CURE AIN'T GOIN' TO BE NO CORE

THE BOWERY BOOTBLACK'S JEST WAS A PROPHECY THAT HAS BEEN FULFILLED.

and Bloomless Apple-- Is Analagous to the Seedless Orange.

Everyone is familiar with the seed-70 OVERCOME FROST less or navel orange, but the secures apple is a new fruit on the market, says A. Frederick Collins.

This marvelous improvement in the common apple fulfilling in letter as

DEVICES TO PREVENT DAMAGE TO

FRUIT AND GRAIN.

common apple, fulfilling in letter as well as in spirit the jest of the Bowery bootblack, who proclaimed that "there ain't going to be no core," would seem to indicate that the new apple Early fall is the season of the year will eventually monopolize the markets when the farmers fight the frost.

While in the hours of sunshine the war of the world, for reasons which the appended data clearly point out.

By way of illustration, it may be said While in the hours of sunshine the mercury registers summer temperature, night and early morning may be the seedless orange, and is in fact a prototype of the latter. When the early fall, when crops and fruits are ripening, that the farmer must be on the alert to prevent damage. Time was no seeds, by what uncanny method was their kind propagated? Shrouded in a mystery such as this, when a heavy frost necessarily meant injury to growing crops; but today,

when news is sent over the farming districts of the coming of frost, there matter-of-fact virtues to impress and the real merits of the themselves and the real merits of the battle is on. People who live in large cities know very little about modern its subtle qualities were forgotten and methods by which the farmer wages its advantages were quickly apreciative advantages. his never ending battle with the frost ed. and from that day to this the oldin a way long familiar, but the up-tofashioned variety, with its multiplicity date agriculturist has many other of seeds, suffered severely, having been almost driven from the market, and The radiation of heat stored in plants left all but out of the race. Now, let us and in the earth itself during the hours ascertain the real difference between of sunshine, the evaporation of moist- the two varieties of the oranges, ure and the tendency of cold air to settle while the warmer air rises, constribute to the formation of frost. Low apples are being similarly considered. lying clouds, which prevent radiation. The reason seedless oranges are unian atmosphere charged with moisture, versally preferred to those that contain wind which keeps the air in motion, ovules is not because any saving is effeeted, but simply that the seeds are in the way. The ordinary apple presents a wholly different aspect, for the seeds are inclosed in hard pockets, that agencies in protecting his crops from represent at least one-fourth of the frost. Should a stranger in a country district see at night the glow of smoky apple, and which cannot be utilized in any way as an article of food, wherefires mounted on carts and drawn as in the seedless variety these disaaround a field or orchard, it would be greeable features are entirely eliminerroneous for the visitor to infer that ated. Still, what is more to the point,

their sustenance, not from the meat pelling the advance of the legions of but from the seeds; hence it is evident Gen. Jack Frost. The purpose of the that if a worm was hatched in a seedsmudge is to create a smoke which less apple it could not live.

The beginning of the seedless apple above the surface of the earth and imprisons the heat which would other- fore its history is necessarily brief. All wise be radiated through the upper the credit for the propagation of the air. Smudges, both of the kind which apple thus far belongs to Mr. John F.

of economy, apples without seeds are

also wormless, for, it is well known to

growers that worms in apples obtain

groves in Florida and in the wheat After several years' experimental refields of the Dakotas.

After several years' experimental refields of the Dakotas. avert the danger from frosts may be wormless apples, and from this little described as the artificial shower. The group there has been budded 2,000 story of how this is used on one Cali- more trees, which at present constitute fornia ranch is told in the United the entire seedless apple stock of the world; and from these two thousand come from a less reliable source, the man who lives in a city and knows little about farming and fruit raising the about farming and fruit raising might but it in the class with the come from a less reliable source, the trees all the rest of the world must be following year at least 2,500,000 trees will furnish the supply.

There are many striking peculiarities in the development of the seedless tree, as well as in the fruit. As an instance, it may be cited that the tree is blossomless; and while there is a stamen and a very small quantity of pollen, work, the sprinklers commence to ary apple tree, yet the blossom or work, the sprinklers commence any apple tree, so sprinkle and the air is filled with a flower itself is missing.

The only thing that resembles a blossing of several several

moisture that in nearly every instance some comes in the form of several the protection given the ripening fruit small green leaves that grow around has been sufficient. The owner of a lit- the little apple to shelter it. It is this tle patch of garden and a garden hose, lack of blossom that makes it almost it he will get up just before sunrise on impossible for the codling moth to dea frosty morning, may save his pre- posit its eggs, and this practically incious vegetables by sprinkling them. He sures a wormless apple. As it is, the is doing in a small way what the ranch-blossom of the common apple tree that man of California accomplishes by the is attacked by cold and frost, the seed-use of the 50-foot mast with the less apple tree is immune, and the late frosts that play havoc with the apple-For the protection of large fields and grower's purse by denuding his orchorchards, another elaborate scheme has ard may now become a thing of the

past, and at the same time prevent been used with more or less success. worry and increase profits. This consists in extending to different The seedless apple tree has a hard, smooth bark, and may be grown in er, steam being generated on frosty any climate; the meat of the new apnights and distributed by the pipes to ple, like that of the seedless orange, is laces where it will do the most Water is extensively employed slightly hardened substance at the navel end. Through long development this has almost disappeared in the tricts of New Jersey, Wisconsin, Cape orange ; and while it is more or less Cod and other portions of New England wash woolens and flanners,—you'll like it.

Cod and other portions of New England and the upper districts. When there is likely to be a frost, the swamp or bog seneration of trees, and all sizes tend to show that it will grow smaller with successive generations, as the navel which neighboring bodies of water can be drawn upon. The water covering the cranberry patches keeps the lower stratum of air comparatively warm of a comparatively warm dots, are of a goodly size and have a and moist. Irrigation has been similar- flavor similar to the Wine Sap. ly employed in orange-growing dis-

tricts and the rice fields of the South.

More familiar than these methods is the use of screens made of cloth and He constantly simed to the south.

And his years they numbered nine; Rough and unpolished was he, albeit He constantly simed to this. He constantly aimed to shi

As proud as a king on his box he sat, This is a great country, but there is Munching an apple red; no considerable section of it near While the boys of his set looked wistfully And "Give us a bite!" they said.

during any of the summer months. In the northern part of the Florida

Then the boys they sadly walked away,

Save one why stood at his side. peninsula, in the region immediately Save one who stood at his side,

bordering the coast of the Gulf of "Bill, give us the core," he whispered low.

That bootblack smiled once more,

And a mischievous dimple grew in his Mexico, and in the Pacific Coast States "There ain't goin' to be no core," the frost limit, at long intervals, may

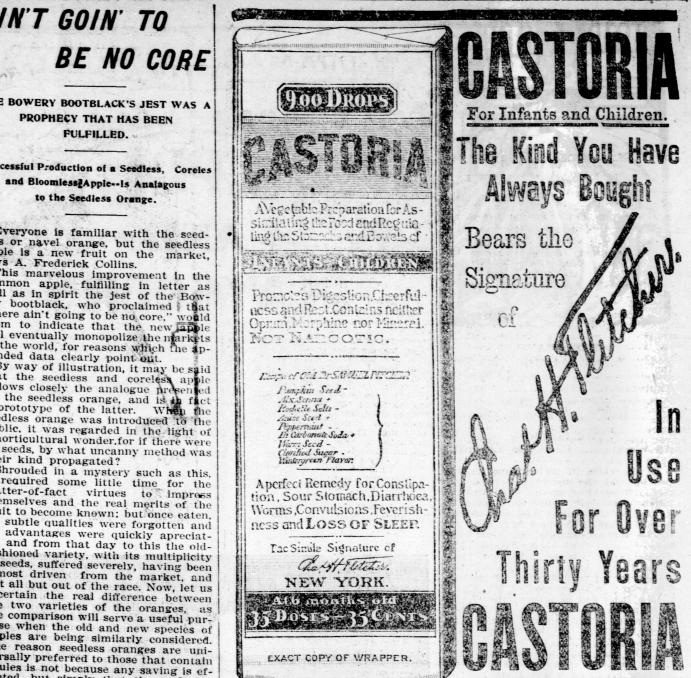
Measuring With the Eye.

While I was in a clothing store the other day I noticed a man wad his fist up and throw it down on the and, thanks to the weather bureau, the counter, and about the same time the fellow behind the counter rushed up his smudge, turn on the water or to him, carefully rolled his fingers up into the palm of his hand, clenched his fist, and threw it down beside the other man's fist on the counter. That was a way the clerk had of measuring the customer's hand for a fit in gloves. "But how can you meas-

use a big fist with a small one?" I asked him after the man had secured his gloves and departed. "I know my number," he said, "and I can generally tell, almost to the dot, the difference between the size of glove I wear and the size that will fit some other man.
My eye is so trained that I rarely

He was right, and proved it by calling the number of glove which fits my Recently the Baku refiners have petihand by a hurried glance at the hand tioned the Government to abolish this folded up, and put beside his on the tax on refined oil for home consump-

"You see," he added, "it is largely a matter of practice, and really nothing extraordinary about it. Some men, Karlsruhe, a Servian named Radollo-vitch got the Prince Max prize of honor perts in measuring distance with the eye. Other men are expert in telling hand he can lift a 170-pound weight the weight of certain articles. The above his head, while with both hands expert shoe dealer could look at a foot he has been known to raise 216 pounds. He can bend a five-shilling piece between his fingers and tear a pack of cards in two at one wrench.



will take a more general view of the way and another."-New Times-Democrat.

The Future of Niagara.

In considering the Canadian Niagara power situation broadly certain striking features are at once presented. We find features are at once presented. We find financial faith in a demand for power at last established, although this has been rather slow in coming, but now that \$20,-600,000 to \$30,000,000 is being invested the of Bright's disease, diabetes, irritation markets must be found.
The fields yet unexploited are many.

fields of the Dakotas.

Another of the methods employed to avert the danger from frosts may be wormless apples, and from this little.

Another of the Dakotas.

Search he succeeded in producing five trees that bore seedless, coreless and wormless apples, and from this little. smelting and manufacturing industries to locate in the vicinity, and, beyond all, the many manufacturing towns in the center Western Ontario are still unsupplied. How much all these various vill amount to it is difficult to but as there will be 150,000 to 175,000 horse tower on the market from these plants in a few years, and as they are being devel-oped with a view to a total output of 375,-600 to 400,000 horse-power, it is a safe conclusion that the probable demand within the next five years will about equal the smaller amount mentioned. On the cther hand, it is hard to conceive a total demand in both countries within a reasonable distance of Niagara Falls of more than 500,000 horse-power within the next generation.-Engineering Magazine.

> "A SWISS FOOD" BLOOM. Get the rosy cheeks of perfect health by breakfasting on "SWISS FOOD," the best breakfast cereal. Fifteen-cent

There seems to be quite an affinity

and cooking schools.

their business. The eye, in the long | The French Natural History Museum run, is more accurate than the tape says that there are 400,000 species of we use, in measuring, because the eye animals and insects in existence. There are over 20,000 different spiders alone. hand, the foot or the body, while the The town council of Douglas, Isle of tape simply gives us the inches one Man, which owns its own street cars, Orleans carries school children between 8 and 9 a.m., noon and 2 p.m. and 4 and 5 p.m. for half a cent each.

SOUTH AMERICAN KIDNEY CURE is the only kidney treatment that has proven equal to correct all air. Smudges, both of the kind which are hauled from place to place and those which are stationary, are used in the fruit orchards of California and other Pacific Coast states, in the orange of the sedies could be obtained with apples.

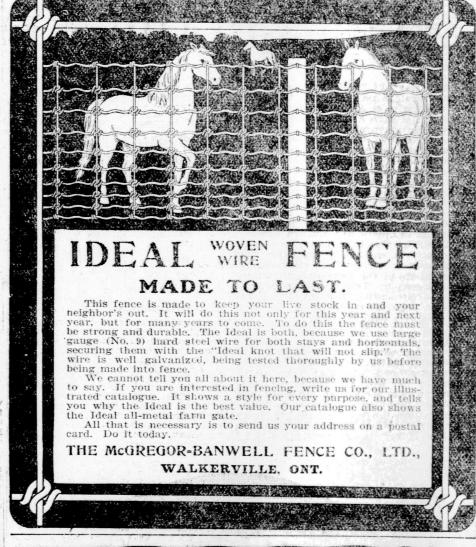
The fields yet unexploited are many. Steam railways will probably turn to struck with the success of the seedless orange, believed that similar results could be obtained with apples.

The fields yet unexploited are many. Steam railways will probably turn to of continuous power, and the group of Niagara plants should now make this fective substitute for leather and to have sold his invention to an American

> DR. A. W. CHASE'S OF CATARRH CURE ... & C.

A trial was recently made in Austria to decide how short a space of into newspapers. At Eisenthal at 35 minutes after 7 in the morning three trees were sawn down; at 34 minutes after 9 the wood, having been stripped became paper and passed from the factory to the press, whence the first printed and folded copy was issued at 10 o'clock, so that in 145 minutes trees had become newspapers. COurse, Cours Done sousse, while course buffers

between new solitaire diamond rings libraris are quickly relieved by Vapo-Creso-



Church's ALABASTINE

the PERFECT, SANITARY and PERMANENT WALL-COATING, ready for use by mixing in COLD WATER, is EASY TO GET, because it is for sale by nearly all the leading hardware and paint stores in Canada. That fact alone is evidence of superiority.

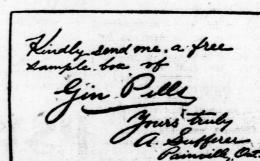
Look for the little church on the label of every package. Alabastine is never sold in bulk.

have free our booklet on Alabastine. Address . The Alabastine Co. Limited, Paris, Ont. .

Everybody should be interested. Anybody writing us can

If your Kidneys are Sick just write this:





WE'LL SEND THE CURE

Perhaps you don't know about Gin Pills-the wonderful cure for Kidney Troubles—the healing, soothing pills that never fail to make the Kidneys well and strong. We want you to know about them-to try them-to see for yourself that they do cure all Kidney Diseases.

We are giving away 100,000 boxes of GIN PILLS, free to sufferers.

Won't you write us for a box, and cure yourself?

Gin Pills are a certain and speedy cure for Inflammation of the Kidneys; Gout and Rheumatism, caused of one and a half ounces of best Holland gin, without by uric acid in the blood; Catarrh of the Bladder; the alcohol, and combined with other curative agents Painful and Suppressed Urination; "Burning" Urine; Gravel or Stone in the Bladder; Bed Wetting; Pains in the Back; Swollen Hands and Feet; and all other Kidney and Bladder Troubles.

Each Gin Pill contains all the medicinal properties

of recognized value. Don't put this off. If you have any of these tronbles, don't run the risk of Bright's Disease or Chronic Cystitis. Write for a free sample.

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