

# Downers Grove Reporter

DOWNERS GROVE, ILLINOIS

The air cocktail is cheap. The headless feature also commends it.

What fun Japan is storing up for herself in "investigating" her heroes after the war is over!

Residents of Port Arthur can practice economy in one direction. They do not need to buy alarm clocks.

Among those who think a Derby isn't all they claim it to be is the lady whose beautiful train was stepped on.

There is a great deal of pretense in the culture of some people. They carry an imitation gold case in a chamois bag.

They are passing around the doctor of letters degree more freely than usual this season. It makes a very pretty boutonniere.

It's a queer thing that champion Jeffries, after surviving all the perils of championship prize fights, should be disabled at baseball.

"Does your lawn mower need sharpening?" asks an advertiser, in big, large type. Of course it does. All lawn mowers always do.

Mr. Carnegie declares that he has prospered because of his ability to employ men cleverer than himself. Such modesty seems too good to be true.

Miss Carl's portrait of Tsai An makes the dowager empress look quite young and handsome. This shows how kind-hearted a girl the young American artist is.

The pounding of the hammer and the scrape of the trowel and the clink of the riveter are the chief sounds that now greet the ears of visitors to Baltimore.

The Sultan of Turkey has received another protest from the powers in regard to the Armenian atrocities. Like the other 41,144 protests, it has been placed on file.

If the ministers of Cincinnati stick to their intention of telling the truth about the deceased in all cases, a good many of their fellow-citizens will be afraid to die.

Rear Admiral Sigsbee cabled from San Domingo to the navy department as follows: "Revolution now ended." He carelessly neglected, however, to mention which one.

One of the amiable professors of Chicago university announces that hell is not a fact, merely a condition. But when the condition is sizzling, what's the odds about the fact?

The newspaper correspondents in the field with the Japanese army have submitted a round-robin protest to the staff, and in all probability the staff knows precisely what to do with it.

Two New York amusement managers have just signed a contract with Edouard de Reszke for a tour of sixty concerts in this country next season, just as if they had never heard of Patil.

According to the pure food authorities, much of the raspberry jam of commerce is composed of syrup of apple cores, aniline dye and haysced. It is almost as base a deceiver as maple syrup.

The directors of the Yale library announce that they have a fragment of a lost tragedy by Aeschylus or Sophocles in a package of papyrus fragments lately found in Egypt. More trouble for the students.

An esteemed contemporary raises the question of how to distinguish between poison ivy and Virginia creeper. One sure way is to rub the face and hands thoroughly with the suspect and note results.

Perhaps in the scientific assertion that a man's beard is the home and haunt of countless harmful microbes there is some comfort for the youth who is trying desperately to raise a small mustache and can't.

According to a London newspaper "nothing remains for Kuropatkin but to stake his all upon one last wild fling of the iron dice." Previous to writing this the author must have taken one last wild fling at a dope bottle.

When the liberty bell was in Minneapolis the public schools were dismissed and the Rapid Transit company gave each of the 35,000 children a free ride to view the bell and return. That was better than any lesson in history that the children may have missed.

We read with delight that Alfred Austin anonymously sent a one-act play to a London theater-manager a while ago which the manager thought was capital and which he has accepted. It's such a pleasure to learn that Alfred can write something.

"Heretic," says a contemporary, "the average man will examine the life raft and life preservers before he trusts himself on an excursion steamer." Probably not. The careful man may do so, but the average man will continue to take things for granted.

## BOOK PLATE OF INTEREST.

Issued in New York by Society of Colonial Wars. Credit must be given to the Society of Colonial Wars in the state of New York and not to the Society of Mayflower Descendants in the state of New York for being the first patriotic society to issue a book plate to be placed in the volumes of its library. The accompanying print is made from an original book plate of the Society of Colonial Wars. This artistic book plate was adopted in 1898, and it bears an honored place in a large



number of volumes that have been collected since that time by the society. The seal of the society naturally occupies the central place, the pre-dominating feature of the seal, however, being the early seal of New York state, showing the beaver on the larger part of the shield, surmounted by the royal crown.

So far as is known, these two book plates are the only ones designed for and in actual use by the numerous patriotic or hereditary societies that have multiplied so rapidly within recent years. In view of the fact that some of the larger societies, as the Sons of the Revolution and the Sons of the American Revolution, possess comfortable libraries, it is quite possible that the desire to possess distinctive book plates may result in several additions to the list of book plates already extant, thereby enlarging the field for the patient collector of these library plate marks.

### Joseph's Well.

At Dothan, in upper Palestine, is a pool which has refreshed the traveler for centuries. It is the well of Joseph. Its environs form a dreary enough prospect—above it a low, insignificant hill, upon whose summit cluster a few miserable mud huts, and at the base is the sordid anachronism of a puffing steam mill, while away from it stretches in all directions the faintest, almost featureless, expanse of the Syrian landscape, long reaches of palest blue and gray and yellow, with only an occasional blotch of brilliant color in the foreground. Dreary and waste, and sad, indeed, is the scene to the eyes of the flesh; but, to the eyes of the spirit, that squat, bald hill becomes a veritable Mount of Visions—visions a thousand times more real and vivid than the spectacle of mud huts and steam mill, and rocky wastes.—N. W. Woodrow, in the Metropolitan.

### Garden on Legs.



Moving flower gardens are a familiar street sight of Gibraltar.

**Canceled Draft Came Back.**  
Last spring during high water E. A. Davis of Bethel, Vt., had a general cleaning out at the bank and dumped several barrels of old papers, among them being a batch of canceled Boston drafts, into the Connecticut river. In early April Frank Ladue went fishing in Lynn harbor. On his return he noticed a piece of paper near the shore. He poked it with his oar and saw the name of E. A. Davis on it. Knowing Mr. Davi, he was interested, and examining the paper, found that it was a Boston draft. He sent the paper back to Mr. Davis, who states positively that it was one of the canceled drafts that he had dumped in the river.

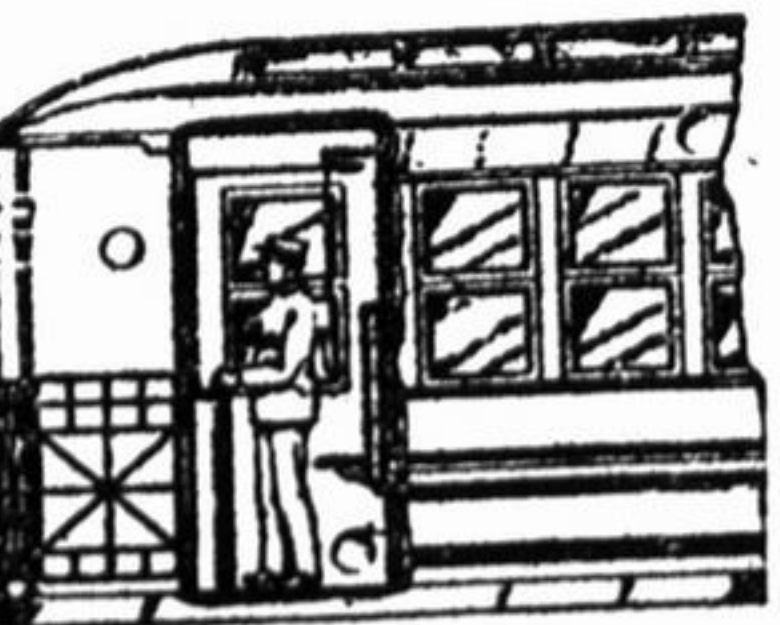
**Hawk Knocks Out Old Man.**  
Freeman Lane of Sayville, L. I., 81 years old, was attacked by a hawk in the woods on his farm. The bird swooped down upon him and struck him squarely in the face, knocking him into a gully. The hawk continued striking him with its wings until the old man, exhausted, could not move, and then the bird, with a screech of victory, soared to its young.

**Cannot Trap Gray Wolves.**  
The gray wolf is very destructive to cattle in Montana, and sometimes overpowers and devours the strongest steers. No trap yet made has been able to capture one; the animal seems to shun all traps instinctively.

# SCIENCE and INVENTION

## Emergency Street-Car Brake.

On nearly every railway the passenger cars are provided with an emergency brake which can be operated by any of the passengers or trainmen the instant an accident occurs, often serving to bring the train to a standstill before the engineer is aware that there has been an accident. Thus, in case an axle breaks on a rear car, the train can be brought to a stop by any one in the car long before the engineer could be notified and have time to reverse the engine and apply the brakes. It is now proposed to apply practically the same idea to the street car, though in this case the motorman, being the one most likely to discover an emergency requiring prompt action, is given control of the brake. This mechanism may consist of a pneumatic pressure system or an electro-magnetic arrangement, as desired, but to actuate it the inventor utilizes an electro circuit. The switch by which the circuit is closed and the mechanism put in operation is located directly beneath the motorman's arm, being attached to his body by shoulder and waist straps. The instant he sees the necessity of stopping the car to avoid a collision or running over some one he has only to drop his arm and close the circuit, when the automatic brake is applied, bringing the car to a standstill before he could have made the first move



Actuated by Movement of Arm.

toward stopping it in the ordinary manner.

Andrew J. Brislin of Brooklyn, N. Y., is the designer of this brake.

## Cheap and Safe Lights.

In Great Britain an invention which, it is claimed, gives absolute safety to oil lamps is being applied to practical use. The device consists of a circular metal box, the size varying according to the candle power required. In the box is a deposit of salt, over which is a layer of cotton waste specially prepared. Running through the cotton packing is an asbestos wick, worn by hand, and which is practically indestructible, and requires only occasional attention. By immersing the box in petroleum or paraffin the cotton waste absorbs the requisite quantity of oil in a few minutes through small lateral interstices. That accomplished and the metal being dried externally, the application of a light to the asbestos wick produces a bright, steady white light, the candle power being in proportion to the size of the box, the consumption of oil being less and, accordingly, the cost being correspondingly cheaper than if the light were obtained from an ordinary lamp.

Moreover, it is claimed absolute safety is assured. The asbestos lamp may be inverted, may exhaust itself, may be thrown down or whirled about, but there is no danger, it is averred, as there is no free oil or oil gas that can be ignited, and consequently there can be no fire or explosion. The patent is said to be applicable to every species of lamp from the modest night light necessary in the nursery through the entire gamut of domestic illumination, to the drawing-room lamp. In the industrial world it could be utilized in every direction, especially when a bright, steady light is essential, such as engine headlights and lights on ships.

The Great Northern and several Scottish and Irish railways are engaged in testing the capabilities of the new process with a view to its adoption in railway work. Every description of lamp—the bicycle lamp, the motor lamp, the carriage lamp, lamps for domestic purposes, lamps in mines—can, it is declared, be fitted with the asbestos patent, and oil of any flash point can be used with perfect safety and with the additional advantage of considering economy. The problem of the safety lamp would appear to have been solved.

**Sewing Machine to Cure Insomnia.**  
The electric sewing machine is described as good remedy for insomnia. A Philadelphia physician has been prescribing it successfully for several months.

Electrical sewing machines are ordinary ones, with a small motor attachment. An electric light current runs them—they are attached to the light as electric fans are—and in operation they give forth a singularly smooth sound.

This sound is what makes them good for insomnia. The victim of insomnia has nerves that are, as it were, inflamed. He needs something that will lull and soothe him. Certain sounds will do this—the sound of rain on a roof, for instance, or the sound of a running brook. But brooks and rain are not always at hand, and hence in their stead the electrical sewing machine is prescribed.

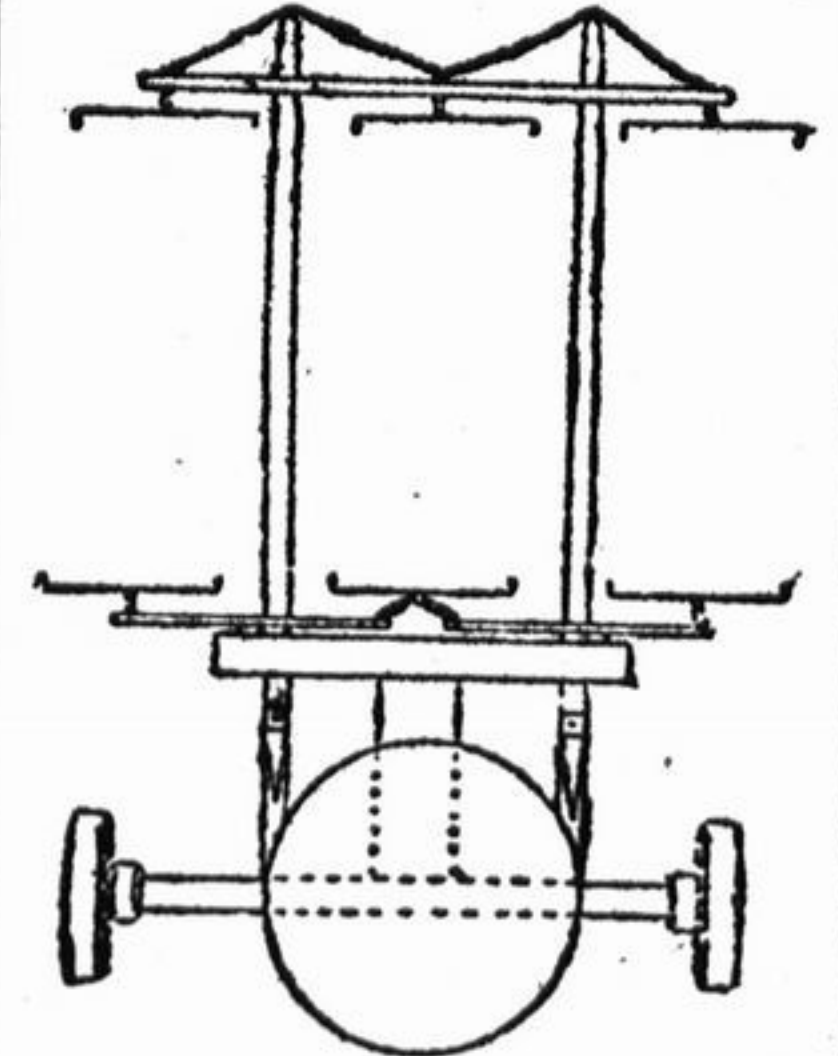
## Artificial Milk Trade.

More than \$750,000 worth of artificial milk was exported last year from Germany and France to the United States.

## EQUALIZING WORK OF HORSES.

### Simple Mechanism That Can Be Attached to Any Wagon.

H. D.—Please publish a plan for a three horse equalizer for a wagon. The accompanying drawing shows the working parts of a three horse equalizer attached to the front axle of a wagon. It also shows the manner in which the three neck yokes are attached to the two poles. The main trippletree is not attached to the tongues, but to the axle, as shown by the dotted lines. The tongues are not fastened to the wagon, but slip into slots attached to the circle. The long piece to which the three neck yokes are fastened lies loosely on the tongues. Three horses hitched to a



Working Parts of Three Horse Equalizer.

load by the form of equalizer represented herewith will each draw an equal share of the burden.

## Floor Paint.

The mixing of paints is a somewhat troublesome process, and as the ready mixed paints can now be purchased so cheap, they are used almost exclusively, especially by amateurs. If, however, you want to mix your own paint, you might try the following recipe, which is highly recommended: Soak two ounces of good glue for twelve hours in cold water, and then melt it in thick milk of lime prepared from one pound of caustic lime heated to boiling point. To the boiling glue stir in linseed oil until it ceases to mix. About 8 1/2 fluid ounces of oil is sufficient for the above proportions. Too much oil is corrected by the addition of lime paste. Mix this with any color not affected by lime, and dilute with water if needed. For yellow-brown or brown red colors, boil in the ground color a quarter of its volume of shellac and borax, making an excellent paint for wooden floors. This mixture is easily applied, covers well and is a great deal cheaper than the ordinary paint.

## Cutworms.

E. C. W.—How can I make a kerosene emulsion to destroy grubs which cut down cabbage plants?

The simplest way to make the kerosene emulsion is to boil up one quarter of a pound of hard soap in two quarts of rain water. When all the soap is dissolved remove from the fire and while boiling hot turn in one gallon of kerosene or coal oil and churn vigorously with a syringe or spray pump for five minutes. This gives the stock emulsion which must be diluted with nine times its quantity of water before using. I do not think, however, that this would be a practical remedy for cutworms on cabbages. I think you will have far better success by using the poisoned bran remedy, or by wrapping a piece of paper around the stem of each plant at time of setting out.—J. F.

## Wild Oats.

D. R.—How can I get rid of wild oats?

The wild oat is an annual plant like the cultivated oat and differs from the latter by its lighter and almost worthless seed, its irregularity in ripening and its persistence in the ground when once introduced. The best way to get rid of this weed is to plow and harrow the land well in spring, or at any rate give the land a stroke with the narrow in spring, and then sow with early barley or oats and as soon as the wild oats, which are early in maturing, begin to head, cut the whole for green feed. There may be two cuttings taken of this fodder and the stubble may then be plowed down. The next year the land should be put in to a hoed crop. It will then be ready for grain again.—J. F.

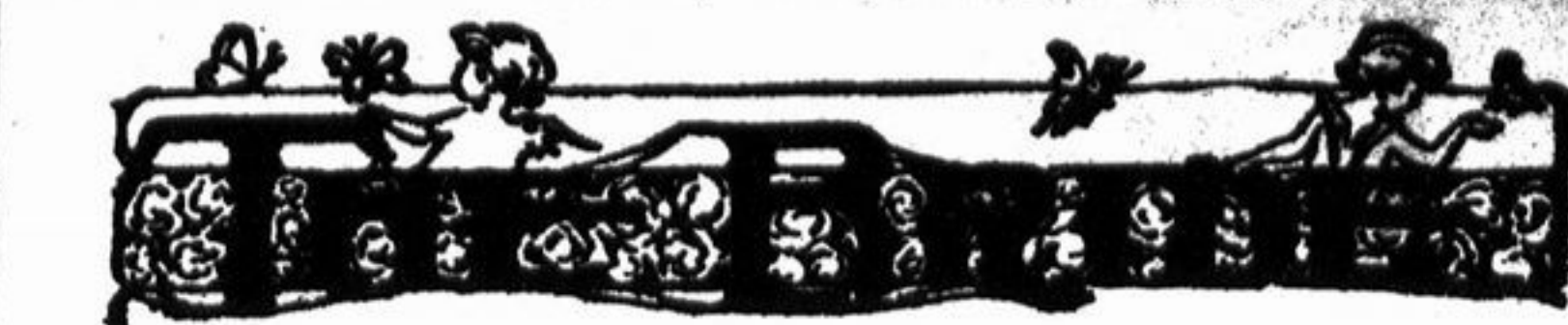
## Building a Stone Foundation.

E. F. Man—Please tell me how to build a stone foundation under a house that has rather light timbers.

The frame work of your house being of light material it would be well to leave the house where it stands, and build the stone wall under it. This can easily be done by building the wall up to the sills between the supports, then take the supports out and fill in the space with stone. In order to have the supports out of the line of wall, have a beam diagonally across each corner of the building resting on blocks on the outside. By having one at each corner it will brace the building. Along the sides and ends run a beam under the sill, resting it on a block on the outside and a post on the inside.

## Brazil's Exhibit of Wood.

Brazil has made a remarkable exhibit of 1,000 kinds of the woods of that country in the forestry, fish and game building at the World's Fair. The exhibit will be presented to an American university after the fair



Sunshine, fragrance, everywhere;  
Tender green of fluttering leaves  
above;  
And the heart of maiden fair  
Raised in silent, tender prayer.  
As she consecrates her life to love.

Half in hope and half in fear,  
Love, to give, is such a mighty thing.  
While her voice is calm and clear,  
Through her smile there gleams a  
tear  
As the vow is sealed with wedding  
ring.

Roses kiss the altar rail.  
Where she kneels with strangely beat-  
ing heart.  
Under rippling bridal veil  
Tremble lips that dare not fail  
In the sacred, "Until death do part."



## SUGAR IN SOUP—THEN LIES.

### Quick Wit Enables Man to Crawl Out of Dilemma.

There had been a glorious game of golf, followed by a jolly dinner at the clubhouse.

Sometimes it is not the correct thing to tell even a truthful story with real names, hence it happens that it was the Joneses who gave the spread and the person that happened in was Smith.

Smith is really a man of parts, wealthy, intelligent and genial, and usually knows "what's what," but he is not given to swell affairs and is not dressy, withal.

A business call had taken Smith to the clubhouse and Jones, seeing him, called him to the table after the others had begun. Soon as he was seated, being preoccupied by salutations from other persons at the table that he knew, he was absently sweetening the cup at his elbow, when Mrs. Jones, hoping to make the matter quite plain to this plain man, said shrilly: "Ah—Mr. Smith—er—that is the soup."

"Yes, thank you," Smith nonchalantly replied, "Yes'm, I understand. But I always sweeten by bouillon," with the slightest emphasis on "bouillon." But Smith was at that moment a prevaricator, to put it mildly. He really thought the cup was tea and probably never tasted sweetened bouillon in his life.

## PURE BLOOD—GOOD HEALTH.

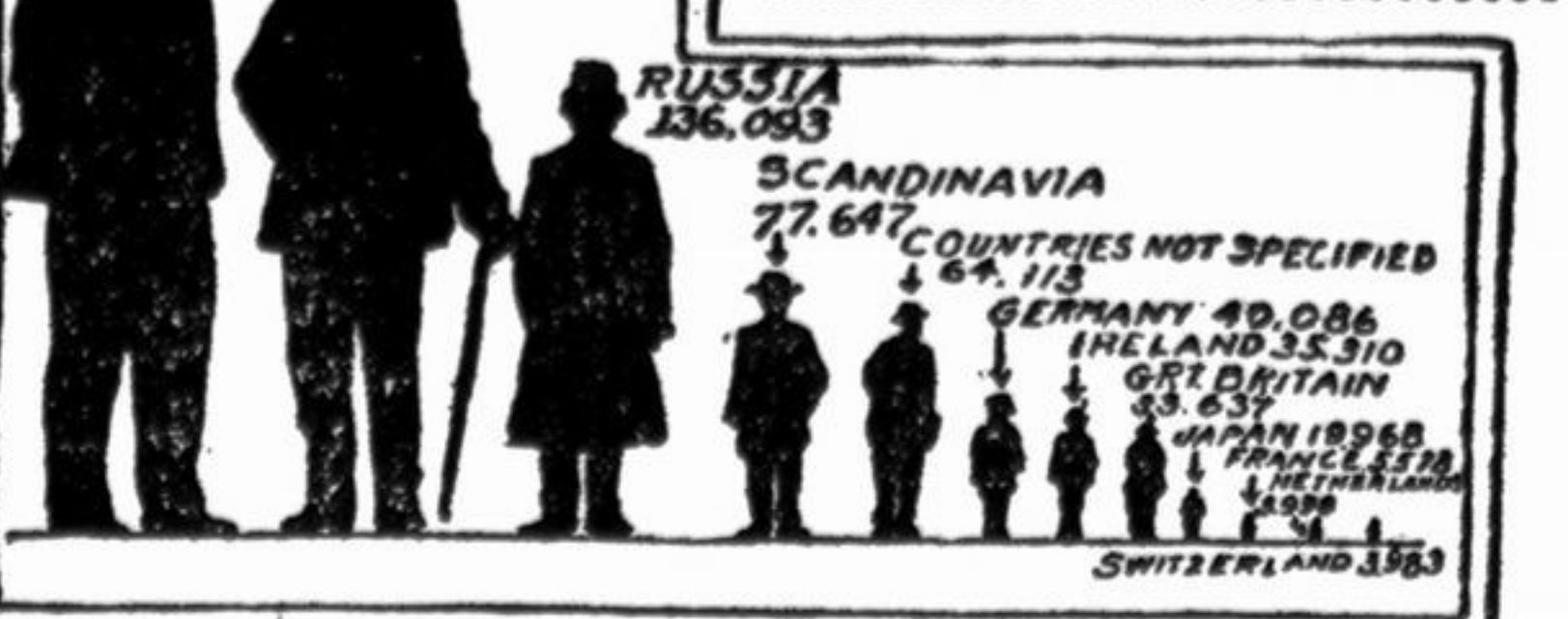
### No Disease Exists Where There is Good Blood.

Keep your vitality above the negative condition, and you will never know disease of any kind. No disease can exist where there is an abundance of pure blood. To get the necessary amount eat nutritious food; to circulate it perfectly take proper exercise; to purify it get fresh air and sunlight. If a perfectly healthy condition of the skin exists and an even temperature of the surface of the body is maintained it is impossible to catch cold. Cold water baths taken every day will do much toward producing the former; proper food and exercise the latter. Nature gives you an alarm in the first chilly feeling. Heed it at once or pay the penalty. Take a brisk walk or run, breathe deeply and keep the mouth closed.

If you are so situated that you can do neither, as in a church, lecture room or street car, breathe deeply.

## Old-Time Stories.

Recently published reminiscences left by Mme. de Creguy, who lived before and during the French revolution, give some queer pictures of high life in France in the eighteenth century. She tells, for example, the tragic fate of a small dog belonging to the Comtesse de Blot: "Attached to the chapel of the Palais Royal was a



In 1903 the relative proportions of emigrants coming to the United States from the various European countries were distributed in this manner.

rapidly and noiselessly until you are satisfied that your body has passed from a negative to a positive condition.—Exchange.

## Japan's Great Cotton City.

Osaka is the great cotton manufacturing city of Japan. There are seventeen cotton mills in Osaka, with 453,600 spindles. In all Japan there are seventy-four cotton mills and 1,251,000 spindles. The workmen and boys, taken on an average, receive fifteen cents a day, the foreman forty-eight cents a day, and the women ten cents a day. They work eleven hours, with two intervals—a quarter of an hour for smoking and half an hour for luncheon or dinner. The mills work twenty-two hours a day in two shifts. No restriction is put on age, and many of the children employed are not more than 7 or 8 years old.

## DISINFECTED UNIFORMS.

### Japanese Surgeon Recommends Use of Clean Fighting Garb.

Dr. Wada, staff surgeon in the Japanese navy, who was in charge of the provisional field hospital in Chemulpo, to which the seriously wounded Russian sailors were taken, already has drawn one medical lesson from the war. He attended a number of Russian sailors wounded on the Variag, and says:

"The experience has emphasized one thing, which I am going to write to my government about. In many cases the fragments of shells had carried with them pieces of clothing which often caused suppuration of the wounds before they could be extracted. To avoid that, as far as possible, I am going to propose that it be made a rule in our navy that every man when a fight is expected shall have his body well washed and his clothes disinfected.

"Happily it is a rule with our men, in the army as well as in the navy, always to go to battle in their newest and cleanest uniforms. This is not for any sanitary consideration, but it works the right way all the same. We Japanese used to say that as we always fight like gentlemen, we also die like gentlemen, and dressed like gentlemen."

## CHILD'S LOVE FOR FATHER.

### Typical Expression of an Affectionate Daughter.

Hand-in-hand they wandered among the posies of a New England garden, a father and his little girl, and the Sabbath peace was over all.

The father was a clergyman of the old school, and that morning he had preached to the quiet country folk of the wrath of God, and the tortures of hell, and the fearful punishment and retribution which a just and angry God sends upon the children of men. The little girl had listened thoughtfully as he preached long and earnestly of the wrath of God and the torments of the damned.

The clergyman returned to his home and walked with his little girl among the flowers in his garden. He loved her very dearly, and he plucked the sweetest flowers and gave them to her and kissed her, and led her footsteps with the gentleness and tenderness of fatherhood.

Suddenly the little one looked up into his face. "Dear papa," she said wistfully, "I wish God was as good as you are!"

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very big fat abbe of an inferior order, who was never received on terms of equality save on New Year's day. This man called to wish Mme. de Blot the compliments of the season, and sat down on a folding chair that she had the goodness to offer him. He fancied on sitting down that he felt a slight resisting movement, and, feeling with his hand, found he had sat down upon a little dog. Being certain that the mischief was already done, he determined that his wisest policy was to make an end of it, and, pressing down firmly with all the weight of his heavy person, he effectually killed the little animal. The tall was sticking out, so he twisted it up, and, cautiously wriggling about, he gradually got the body into one of his big pockets and carried it off. Mme. de Blot never knew what was her dog's fate."