

# IN GREAT DISTRESS

VOMITING SPELLS LONG RESISTED EVERY EFFORT TO CHECK.

Mrs. Brooks Became So Weak She Thinks She Would Have Died But For Dr. Williams' Pink Pills.

Mrs. Sarah L. Brooks, of No. 45 Lincoln Park, Chicago, Illinois, gives the following account of her cure from distressing spells of vomiting:

"For five years ago and on I was treated in vain by different doctors for relief from a stomach trouble which showed itself in frequent and trying spells of vomiting. Part of the time I was able to work and again I would be confined to bed for three or four days in succession.

"My stomach was at times so delicate that it would not retain even plain water. The spells would sometimes occur at intervals of half an hour, and would leave me so weak that I would be compelled to lie down between them. I would have several of them during the night following a day of such attacks. Finally I became so weakened that I had to give up working altogether. I weighed only ninety-four pounds.

"Last January I read about Dr. Williams' Pink Pills for Pale People in one of the Chicago daily papers and bought a box and began to use them. After I had used half a box I found that I could keep on my stomach the food I ate. I was encouraged by this and kept on using the pills for four months. At the end of that time the vomiting spells had ceased altogether and my weight went up to 143 pounds and is still growing.

"I think I surely would have died if it had not been for Dr. Williams' Pink Pills for I sometimes vomited clear blood, and for three or four days at a time I could not eat a bite of anything. One doctor said I had chronic inflammation of the stomach, and another said my difficulty was a cancer, but none of their medicines did me any good at all. Finally I concluded that I did not have blood enough to digest my food and I began the treatment that has cured me. I can eat anything now, and have strength for all kinds of work. I always keep Dr. Williams' Pink Pills on hand, and I recommend them to my friends because I know they cured me."

Dr. Williams' Pink Pills agree with the most delicate stomachs and strengthen the digestive organs until they do their work perfectly. They are sold by all druggists.

## TOLD OF THE TITLED.

Princess Henry of Battenberg has considerable skill in the almost obsolete art of illuminating. Among Queen Victoria's favorite volumes were a copy of Thomas a Kempis' "Imitation" and a superb autograph album, both of which were illuminated by her daughter.

The ameer of Afghanistan was very dull at book-learning when he was a boy, but had a natural gift for engineering and handicrafts; in fact, he became an expert blacksmith, as he thought a prince ought to have a trade to fall back upon just as much as any of his subjects.

Albert, the reigning prince of Thurn and Taxis, is an ardent sportsman and puts on a new suit of clothes every day. To his critical eye a coat once worn is in rags. Each of these garments is perfumed with attar of roses that costs not less than \$90 an ounce. In a year his serene highness wears about 1,000 cravats.

Prince Abbas Hlimi, khedive of Egypt, who was in London recently, is a clever farmer, a skillful engineer, a master of five languages, a scientist, a keen man of business, a yachtsman and a prince of many social accomplishments. He is also a sanitary reformer and has built a model village not far from his palace at Koubeh, on the outskirts of Cairo. He is a well-built man of medium height.

The empress of Russia is a strong believer in female suffrage, women's clubs, the higher education of women and in her right to enter any and all of the professions. She holds that almost all of the great reforms of the world have been brought about by women, and that they are just becoming conscious of their power and possibilities. Under her imperial patronage societies for the education and development of females are growing numerous in St. Petersburg and even spreading through the jealously guarded realm of the czar.

## THE FIELD OF ELECTRICS.

To an electrician one horsepower is 746 watts.

Whenever a plant is wounded a positive electric current is established between the wounded part and the intact parts.

Argon, the recently discovered element of air, is, as was expected from its existence in the chromosphere, very light and apparently monatomic.

The enormous increase in the production and sale of copper, especially in the United States and Europe, is due to the general increase of electricity used.

It is usually imagined that the incandescent electric light gives out very little heat. As a matter of fact only six per cent. of its energy goes to make light, while 94 goes into heat.

The electrometer is so acutely sensitive that it will detect in one minute an amount of matter which must accumulate for 2,000,000 years before there is enough of it to affect the most sensitive chemical balance.

An interesting collection of about 700 incandescent electric lamps, including the first experimental lamps, is being made by the St. Louis exposition. The collection is unique, and includes a specimen of every kind of filament lamp ever made in Europe or America.

The twenty-fifth anniversary of the introduction of electric traction into Germany will soon be celebrated in Berlin. On October 1, 1903, there were no fewer than 5,500 kilometers of rails used for electric traffic and 8,793 electric motor cars, with 6,190 ordinary cars attached to them, in use in Germany.

# ROAD AND FARM IMPROVEMENT

## A TALK ON TILE DRAINING.

Simple Essentials Which Will Assure Work That Will Last and Prove Effective.

In my experience I have learned that, as a rule, tiles of too small capacity have been laid with the expectation of carrying away the vast volume of water that often suddenly collects in deep depressions after heavy rain. Four-inch tile is often required, and a tile of less than three inches in diameter, inside measurement, should never be used. The work of grading the bottom of the ditch for the reception of the tile often results in failure, owing to depressions or irregularities remaining where silt or other foreign matter accumulates in the tile, thus obstructing the flow of water.

The final grade of a ditch should never be finished, especially where a doubt exists in regard to required fall, without the aid of a level, and the work should never be trusted to the eye of anyone, no matter how expert.



I once employed a professional ditcher to drain a slough or pond hole, and, owing to its failure to perform its work, the tiles were taken up and the bottom of the ditch properly graded with a level, when it was discovered that the grade at the outlet of the ditch was 18 inches higher than the point it was intended to drain. Of course, such a piece of work proved of short duration and very expensive.

It often happens that the outlets of drains are allowed to become obstructed with silt, coarse grass, etc., rendering them nearly or quite useless. To those who may contemplate the improvement of their farms by inaugurating a system of tile drainage, but are deterred from doing so owing to the impossibility of obtaining a professional ditcher, allow me to state that the services of ordinary farm help with the oversight and assistance of the farmer himself give as good, if not better, results. Where a suitable fall is plainly visible, it is not essential that a level be used, providing the bottom of the ditch has an even grade and is free from irregularities. But where a doubt exists, a level, as shown in the accompanying diagram, should be used.

In the device, a and b represent the base of level, 16 1/2 feet long, six inches wide, tapering to two inches at the ends; c and d the plumb indicating on the amount of fall per rod. A wire or wooden guard at f keeps the plumb bob d from flopping about. The upright is six inches wide at base, where it is mortised into the long strip, a, b, and two and one-half inches wide at the top. The braces are two inches wide and made from one-inch pine. Irving B. Cook, in Orange Judd Farmer.

## LITTLE MARKETING HINTS.

Shippers Should Study the Conditions of Trade Rather Than Depend on "Luck."

Of all the practical points in farming there is not one that has greater claim on the attention of the raiser of farm products than the art of marketing. Many a farmer puts tons of energy into producing first-class fruits, cereals, or live stock and when it comes to putting them on the market acts with childish judgment that loses him many a fine margin that he might gain.

There is no better way to practically illustrate the market feature of farming than for farmers to visit their markets a few times each year and see just how their commission men handle their consignments. There are innumerable little hints a farmer of good judgment can pick up any time he visits a large produce or live stock market. He should study very carefully the best seasons to market his produce, and when the market looks favorable should hustle his consignments in as promptly as possible.

The shipper must bear in mind that there are a few honest commission men at least and that being on the ground from day to day must know the market better than a man looking at it at long range. As a rule the seller of live stock does his best to get the top price, but he must follow the market. What the shipper or producer of live stock, vegetables or fruit must look out for is to get what the market wants and when it is wanted. To illustrate the point I will tell of a conversation a first-class butcher had with a seller of cattle.

"Your cattle look all right," said the butcher, "but I am going slow because this year all cattle that have had any grass, kill spongy. We must make an allowance on that. It has been that way this year."

This is only one phase of the business and serves to show that the shipper must ever keep in mind the exact state of the trade and to closely follow its vagaries. Luck frequently aids the shipper, but good judgment on market conditions is better than trusting to luck.—Shierwood, in Ohio Farmer.

Dirt in milk makes more undesirable butter than all the wrong methods of working. No perfection of working out buttermilk and working in salt can secure the proper flavor of butter from dirty milk.

## POINT TO BE CONSIDERED.

Will the Farmers Accept Aid of City Friends of Good Roads or Treat Them as Meddlers?

Among those interested in road improvement the farmers, of course stand first. The character and condition of the roads are of vital interest to them every day in the year. The farmers until recently have been compelled to struggle with the road problem without much help or encouragement from any other class. Now, however, some strong elements of the city population are rallying to their support. Among these may be named the manufacturers of road building machinery, the makers and users of bicycles and automobiles and men of the cities who have money invested in the country. These people are entering into the work for road improvement with even more enthusiasm and zeal than the farmers.

Just now the farmers who want better roads are brought face to face with a most important question: Will I accept the assistance of these city allies? Will I welcome the aid of the machinery man, the capitalist, the bicyclist and the automobilist? Or will he treat them as schemers who are trying to meddle with his affairs?

The answer to these questions ought to depend on what these city friends of good roads are proposing to do. If they propose to have the country roads improved in order to increase their business, and enhance their pleasures wholly at the expense of the farmer, then he should spurn the proffered alliance. If, on the contrary, they are proposing, through state and national taxation, to lift a large part of the burden of the farmer and place it on the taxpayers of the cities, he ought to bid them welcome and extend the glad hand.

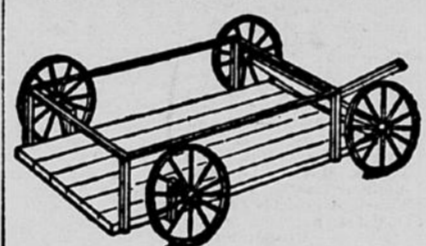
This is a live question for the farmer to consider and answer. Already the opponents of state and national aid are at work trying to sow seeds of suspicion in the minds of the farmers, and they will do their best to prevent any cooperation between the country and city friends of good roads.

As a matter of fact, state and national aid offer the only hope of general road improvement, and such aid can never be secured if the city people array themselves against it. Unless the farmers are wholly blind to their own interests they will welcome aid from any and every source, and will make every effort to secure the powerful aid of the state and federal governments.

## CONVENIENT FARM WAGON.

It Is of the Low Down Type and Equal to Any Heretofore Described in This Paper.

There is hardly a day through the season of preparation for and cultivation of crops when I do not use the wagon pictured. It saves 99 per cent. of the heavy lifting necessary in handling fertilizers, implements, seeds,



## HANDY LOW DOWN WAGON.

in moving same from barn to fields. The front end of this platform may be hung on an ordinary road wagon axle. For the rear end the heavy bar of iron can be properly bent at a blacksmith shop as indicated in the cut to make a low down wagon. The rail shown about this wagon may be attached or not, according to use and convenience.—Roger Graham, in Farm and Home.

## Grounding Barbed Wire Fences.

A letter from Atchison, Kan., says that an unusual number of live stock have been killed this summer by lightning running along barbed-wire fences. Twelve cattle were thus killed recently near Farmington; they stood with their heads against the wire. Electricians say there is no limit to the amount of electricity a barbed wire can carry, but that farmers can prevent this killing of live stock by grounding the wires frequently along the fence—that is, run a wire connected with the barbed wires into the ground from the posts at a distance of about 100 feet. These grounded wires will carry the electricity into the ground. A charge of lightning striking a barbed wire will kill anything touching the wire, even though the fence be 20 miles long.

## Best Results from Meadows.

The Michigan experiment station found after repeated tests that about four times as much food can be obtained from a meadow by allowing it to mature hay than by pasturing it. This means that four cows can be kept on the land by growing hay instead of pasturing it; or, to show it in another light, four times as much land is required for pasture as for hay, for the same number of cattle. Green food is given by growing soiling crops, but in soiling from two to three times the number of cows can be maintained than by pasturing.

## A New Peat Fertilizer.

The peat bogs which abound in the north end of Mason county, Ill., and render many acres of land unavailable for agricultural purposes, are now being put to use. The land is skimmed and the top layer of peat removed, and then passed through a pulverizing and drying process. After this a city sewage is mixed with it and it is sold as fertilizer. A small plant near Manito is turning out four carloads per day with a force of 20 men employed.—National Provisioner.

## THE KEGS WERE LIGHTER.

Dr. Lorimer's Easy Explanation of an Apparently Difficult Performance.

Rev. George C. Lorimer, whose death at Aix was recently reported, was the main impetus that carried on the building of Boston's magnificent Tremont Temple, and Dr. Lorimer's wit, sincerity and imaginative sympathy made him a great favorite with the students of Harvard during his residence in Boston.

At Cambridge, one day, according to a current story, an undergraduate asked the opinion of Dr. Lorimer on drinking—moderate drinking.

"I am opposed to it," the clergyman said. "It is perilous. It frequently leads to drunkenness. In fact, most drunkards were moderate drinkers first."

"Naturally malt liquors and wines, though, are strengthening, aren't they?" the student asked.

Dr. Lorimer smiled. "Beer," he said, "is very strengthening. I have known young men to have sent to their rooms large kegs of beer that they could not budge at first, and a day or two later they would be able to lift these kegs with ease."

## THE PASS WAS GRANTED.

Young Man of Facile Reasoning Ability Has Only Once to Ask for It.

A young man who was working for the railroad company went to one of the directors and asked for a pass to some distant point, relates the Philadelphia Public Ledger.

"You have been working for us some time?" inquired the official.

"Yes, sir," the young fellow answered. "Have you ever had any complaint to make?"

"No, sir," answered the employe.

"Well, if you were working for a farmer, would you have the nerve to ask him to harness his horses and take you to a certain part of the country?" the director asked.

"No, sir. But if he had his horses all ready, and was going to that point, I would call him a very mean farmer if he refused to take me," was the young fellow's reply.

## Looked That Way.

When a young woman at Allentown, Pa., entered the proper office alone the other day and asked for a marriage license, the clerk naturally inquired: "Where is the young man?" "I've got him at home," rejoined the woman, and the license was granted. Wonder if she had him chained.—Boston Globe.

## Kansas City Southern Ry. Special Excursion.

Sept. 13, 20 and 27, Oct. 4 and 18, 1904, to Arkansas, Indian Territory, Louisiana and Texas, very low one way and round trip rates.

For further information, write to S. G. Warner, G. P. & T. A., K. C. S. Ry., Kansas City, Mo.

## Insurmountable.

An indignant letter dictated by a clever old gentleman runs thus: "Sir, my stenographer, being a lady, cannot take down what I think of you. Being a gentleman, cannot express it; but you, being neither, can readily divine it."—Argonaut.

Either think twice before you speak, or speak twice before the other fellow can think.—Chicago Tribune.

Do not believe Piso's Cure for Consumption has an equal for coughs and colds.—J. F. Boyer, Trinity Springs, Ind., Feb. 15, 1900.

Straw votes show which way the hot air blows.—Judge.



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Two severe cases of Ovarian Trouble and two terrible operations avoided. Mrs. Emmons and Mrs. Coleman each tell how they were saved by the use of Lydia E. Pinkham's Vegetable Compound.

"DEAR MRS. PINKHAM:—I am so pleased with the results obtained from Lydia E. Pinkham's Vegetable Compound that I feel it a duty and a privilege to write you about it.

"I suffered for more than five years with ovarian troubles, causing an unpleasant discharge, a great weakness, and at times a faintness would come over me which no amount of medicine, diet, or exercise seemed to correct. Your Vegetable Compound found the weak spot, however, within a few weeks—and saved me from an operation—all my troubles had disappeared, and I found myself once more healthy and well. Words fail to describe the real, true, grateful feeling that is in my heart, and I want to tell every sick and suffering sister. Don't dally with medicines you know nothing about, but take Lydia E. Pinkham's Vegetable Compound, and take my word for it, you will be a different woman in a short time."—Mrs. LAURA EMMONS, Walker-ville, Ont.

## Another Case of Ovarian Trouble Cured Without an Operation.

"DEAR MRS. PINKHAM:—For several years I was troubled with ovarian trouble and a painful and inflamed condition, which kept me in bed part of the time. I did so dread a surgical operation.

"I tried different remedies hoping to get better, but nothing seemed to bring relief until a friend who had been cured of ovarian trouble, through the use of your compound, induced me to try it. I took it faithfully for three months, and at the end of that time was glad to find that I was a well woman. Health is nature's best gift to woman, and if you lose it and can have it restored through Lydia E. Pinkham's Vegetable Compound I feel that all suffering women should know of this."—Mrs. LAURA BELLE COLEMAN, Commercial Hotel, Nashville, Tenn.

It is well to remember such letters as above when some druggist tries to get you to buy something which he says is "just as good." That is impossible, as no other medicine has such a record of cures as Lydia E. Pinkham's Vegetable Compound; accept no other and you will be glad.

Don't hesitate to write to Mrs. Pinkham if there is anything about your sickness you do not understand. She will treat you with kindness and her advice is free. No woman ever regretted writing her and she has helped thousands. Address Lynn, Mass.

\$5000 FORFEIT if we cannot forthwith produce the original letters and signatures of above testimonials, which will prove their absolute genuineness. Lydia E. Pinkham Medicine Co., Lynn, Mass.

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THE PIONEER FUEL CO'S ANTHRACITE—NONE BETTER.

The name of dealers handling our coal furnished on application to  
**The Pioneer Fuel Co.**  
MINNEAPOLIS, MINN.

## Strawberry and Vegetable Dealers

The Passenger Department of the Illinois Central Railroad Company have recently issued a publication known as Circular No. 12, in which is described the best territory in this country for the growing of early strawberries and early vegetables. Every dealer in such products should address a postal card to the undersigned at BERKLEY, IOWA, requesting a copy of "Circular No. 12."

J. F. MERRY, Asst. Gen'l Pass' Agent.

## PISO'S TABLETS

The New Boon for Women's Ills.

SUFFERING from any form of female disorder is no longer necessary. Many modest women would rather dig by inches than consult anyone, even by letter, about their private troubles. PISO'S TABLETS attack the source of the disease and give relief from the start. Whatever form of illness afflicts you, our interesting treatise, Cause of Diseases in Women, will explain your trouble and our method of cure. A copy will be mailed free with a Generous Sample of the Tablets, to any woman addressing  
**THE PISO COMPANY**  
Clark and Liberty Streets, WARREN, PA.

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Best Cough Syrup. Tastes Good. Use in Time. Sold by druggists.

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