

Syrup of Figs and Elixir of Senna

Cleanses the System Effectually, Disperses Colds and Headaches due to Constipation; Acts naturally, acts truly as a Laxative.

Best for Men, Women and Children—Young and Old. To get its Beneficial Effects Always buy the Genuine which has the full name of the Company

CALIFORNIA FIG SYRUP CO.

by whom it is manufactured, printed on the front of every package. SOLD BY ALL LEADING DRUGGISTS. One size only, regular price 50¢ per bottle.

TOMB OF SPANISH ROYALTY.

Most Gorgeous Burial Vaults—Marble Effigies of Children. The Escorial, in which for nearly three centuries the kings and queens of Spain have been buried, is said to be the most gorgeous burial vault in the world, according to London Tit-Bits.

It is an octagonal chamber, thirty-six feet across, with its walls, save where the coffin stand, entirely overlaid with precious marbles. The staircase which leads to it is of marble with jasper walls. The general effect is unspeakably splendid. In the midst of this magnificence are the massive black marble caskets let into the walls, containing the bodies themselves. They are exactly alike, inscribed simply with the names of the different kings and queens. There is room for just six more monarchs and their consorts.

Of another character altogether is the vault devoted to Spain's royal children—princes and princesses. Here white marble ruins, and very charming are some of the effigies over the tombs. The local name for the vault is "the place of the little angels," and though many of the princes who lie here were not at all angelic in their lives, the impression left by the white marble wings of the statues is one of spotless purity. One unfortunate Spanish king, Don Jamie II. of Aragon, is daily on view in the Cathedral of Palma, in Majorca. The sacrilegious of the place takes you to a yellow marble monument in the choir, opens a cupboard and pulls out a very ordinary coffin with a glass lid. As poor Don Jamie died in the fourteenth century, he is not now at all a lively spectacle. His mummy is made gay, however, with imitation royal robes—cottony ermine, and so forth.

A Bare Possibility. In his diary, which is incorporated in the "Life and Letters of Sir Richard Claverhouse Jebb," the great Greek scholar recorded a flash of his own wit which is of a most appealing variety.

At a dinner at Cambridge Sir Richard, then Mr. Jebb, took in a young woman, who got through the first course with little conversation. Suddenly she startled him by saying, in the most unprovoked way, while she was still dining with apparent good appetite:

"Professor Jebb, do you think women ever die of a broken heart?"

"Perhaps other organs may have something to do with it," he proffered, in reply.

THREE CURES OF ECZEMA.

Woman Tells of Her Brother's Terrible Suffering—Two Babies Also Cured—Cuticura Invaluable. "My brother had eczema three different summers. Each summer it came out between his shoulders and down his back, and he said his suffering was terrible. When it came on the third summer, he bought a box of Cuticura Ointment and gave it a faithful trial. Soon he began to feel better and he cured himself entirely of eczema with Cuticura. A lady in Indiana heard of how my daughter, Mrs. Miller, had cured her little son of terrible eczema by the Cuticura Remedies. This lady's little one had the eczema so badly that they thought they would lose it. She used Cuticura Remedies and they cured her child entirely, and the disease never came back. Mrs. Sarah E. Lusk, Coldwater, Mich. Aug. 15 and Sept. 2, 1907."

No Cause for Alarm.

"Look, officer!" shouted the excited citizen. "That big department store is all right."

"What makes you think so?" asked the officer, calmly.

"Why, don't you see all those women shoppers coming down the fire escapes?"

"Oh, yes; but that is not the sign of fire. You see, they can't get through the revolving doors with those big hats."

Passive Batter.

First Visitor (on the way to the convention hall)—It's too sticky in this car. Let's go out and stand on the platform.

Second Visitor (absorbed in his newspaper)—If the platform is what this paper says it is, I'll be darned if I'll stand on it.—Chicago Tribune.

"I notice," observed the sporting editor, "Bishop Fallows sees the priest's three score and ten years and goes him fifty better. Well, the world has wised up and got a good deal niftier since David's time—but I'm still betting on David."—Chicago Tribune.

A SIMPLE SAFEGUARD IN BUYING PAINT.

Everybody should know how simple and easy it is to avoid all uncertainty in buying paint materials. There are many so-called white leads on the market, which contain chalk, zinc, barytes, and other cheap adulterants. Unless the property owner takes advantage of the simple means of protection afforded him by reliable white lead manufacturers, he runs great risk of getting an inferior and adulterated white lead.

It is to protect the paint-buyer against fraud and adulteration that National Lead Company, the largest makers of genuine Pure White Lead, place their famous "Dutch Boy Painter" trademark on every keg of their product, an absolute guarantee of its purity and quality. Anyone who wants to make a practical test of white lead and who wants a valuable free book about painting, should address National Lead Company, Woodbridge Building, New York, and ask for test equipment.

By His Pen.

Wealthy Stranger—Yes, I made my money, every farthing of it, by my pen.

Youth—Ah, a novelist, or a dramatist, maybe.

Wealthy Stranger—Not me, I used to keep a sheep farm in New Zealand.

Worth Its Weight in Gold.

It's PETTIT'S EYE SALVE, strengthens eyes of the old, tonic for eye strain, weak and watery eyes. All druggists or Howard Bros., Buffalo, N. Y.

Gave Him to Her Thoughts.

"Looks a bit like rain, ma'am," observed the friendly milkman as he handed in his morning pail.

"It does, indeed," replied the ready-witted housekeeper, with her gaze fixed on the bottle.—Boston Transcript.

WE SELL GUNS AND TRAPS CHEAP.

and buy Furs & Hides. Write for catalog 105 N. W. Hyde & Fur Co., Minneapolis, Minn.

The perfect human figure, should be equal in height to ten faces.

Mrs. Winslow's Soothing Syrup for children teething, softens the gums, reduces inflammation, allays pain, cures wind colic, 25¢ a bottle.

Must Pension Themselves.

Domestic servants in Germany come under the law that obliges all persons below a certain income to provide for their old age. The postoffice issues cards and stamps, and one of these stamps must be dated and affixed to the card every Monday. Sometimes the employers buy the cards and stamps and show them at the postoffice each month. Sometimes they expect the servant to pay half the money required. Women who go out by the day get their stamps at the house they work in on Mondays. If a girl marries she may cease to insure and may have a sum of money toward her outfit. In that case she will receive no old age pension. But if she goes on with her insurance she will have from 15 to 20 marks (\$3 to \$4) a month from the state after the age of 70.

Bird Dogs.

Bird dogs have been known as such for only about three or four centuries. So far as we know, the Duke of Northumberland, sixteenth century, was the first trainer of bird dogs. The duke was followed by others who trained dogs to "set" birds, but it was not till the beginning of the nineteenth century that any reliable record of a distinct brand of bird dogs can be found. The Gordon setter was founded by the Duke of Gordon about 1800.—New York American.

All in the Family.

Mr. Jagway awoke from a troubled dream and saw his wife going through the pockets of his trousers.

"If you find anything in them, my dear," he said, "let me know, will you?"

"If I don't find anything in them, Ebenezer," she answered, in a high keyed voice, "I'll let you know, all right."

Making no rejoinder, Mr. Jagway calmly awaited the coming explosion.

MOTHER AND CHILD.

Both Fully Nourished on Grape-Nuts.

The value of this famous food is shown in many ways, in addition to what might be expected from its chemical analysis.

Grape-Nuts food is made of whole wheat and barley, is thoroughly baked for many hours and contains all the wholesome ingredients in these cereals.

It contains also the phosphate of potash grown in the grains, which Nature uses to build up brain and nerve cells.

Young children require proportionately more of this element because the brain and nervous system of the child grows so rapidly.

A Va. mother found the value of Grape-Nuts in not only building up her own strength but in nourishing her baby at the same time. She writes:

"After my baby came I did not recover health and strength, and the doctor said I could not nurse the baby as I did not have nourishment for her, besides I was too weak.

"He said I might try a change of diet and see what that would do, and recommended Grape-Nuts food. I bought a pkg. and used it regularly. A marked change came over both baby and I.

"My baby is now four months old, is in fine condition, I am nursing her and doing all my work and never felt better in my life." "There's a Reason."

Name given by Postum Co., Battle Creek, Mich. Read "The Road to Wellville," in pkgs.

Ever read the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.



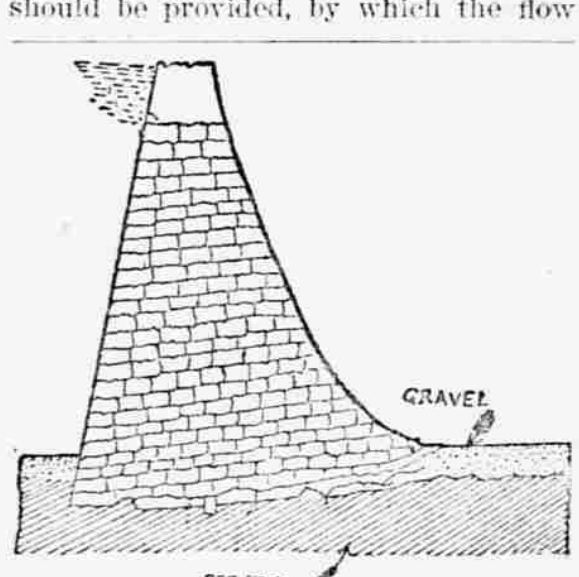
Building a Dam.

I expect to build a dam on a creek 100 feet long at top to raise the water ten feet. 1. What would be the cheapest way of building the dam? 2. Will you give a plan of such a dam? 3. What size of turbine would be necessary to run a 48-inch circular saw?

Ans.—The accompanying sketch shows a cross-section of the style of dam that would be required for this purpose. Dams are sometimes constructed by a curbing of wood, masonry, or cement, the interior being filled with dry stones. Such a dam is called a rock-fill dam. If stone is plentiful, the dam may be built entirely of masonry. The top should be laid either with plank or cement.

As the illustration shows, the dam is laid on bedrock, the bed rock being blasted out sufficiently to secure a key and a solid footing generally. With a ten-foot dam the base should be ten feet wide. On the upstream side, the batter or slope of the dam is about 1 in 4, and on the downstream side the upper part of the batter is about 1 in 3 and the lower part 1 in 1. The dam throughout its length should curve upstream, so as to present a concave surface to the pressure of the water. The masonry work should be constructed of rubble with cement mortar, and all the work should be very thoroughly done.

A necessary provision in connection with a dam is sufficient wasteway for water not utilized for power. The common form of wasteway is a tunnel through the dam sufficiently large to provide for the maximum amount of water that would be required to pass through it. In addition sluice gates should be provided, by which the flow



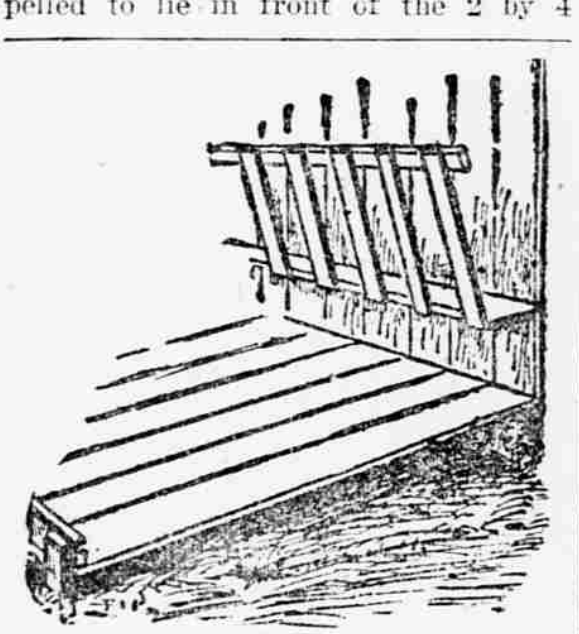
DAM FOR SAW MILL POWER.

of water would be controlled. The water to be utilized for power may be carried to the wheel by means of a flume. A fifteen-inch turbine wheel would provide from 8 to 10 horse power, which would be sufficient to run a saw of the size mentioned.—Montreal Star.

Cow Stall.

The stall as shown here is four feet over all, but can be made less. Cow when eating will stand with her hind feet just behind the 2 by 4, leaving the droppings behind it.

When she lies down she will be compelled to lie in front of the 2 by 4



COW STALL.

with her head under the feed rack. It is not necessary to have a gutter in a stall of this kind. There should be short partitions, however, to keep the cows from turning around.

For building, use 2 by 4 for bottom feed rack; bottom of rack 3 feet above floor. Strips of 1 by 4, 6 inches apart form the rack, and should slope back 60 degrees. From 7 to 8 feet from front of stall place 2 by 4 on edge; if set in dirt use stakes.

Chemical Action of Manure.

Although cultivation is necessary and will increase your crops, no matter how much you cultivate, or how you labor, it should be remembered that the plant food in the soil is the vital element of crop production. The crop removes this element, but by applying manure it is put back again. Manure not only enriches soil with the elements of fertility, but also renders the stored plant food of the soil more available, improves the chemical conditions, makes the soil warmer and enables it to retain more moisture and to draw it up from below.

Thorough Cultivation.

If the ground is cultivated often enough no weeds can grow, and if the ground for a crop is carefully prepared before putting in the seed, by deep plowing and frequent harrowing, the cultivation required after the plants are up need not be more than one inch deep. If this is done after every rain,

there can be no weeds, and they will become fewer every year, while the cultivation will prevent loss of moisture in the soil by affording a loose covering of dry earth.

Salt for Live Stock.

Why salt should be regularly supplied to stock is thus put by a famous English authority: Because in the blood of animals there is six or seven times more sodium than potassium, and that the composition of the blood is constant. To keep animals in good health a definite amount of common salt must be assimilated. The excess of potassium salts in vegetable foods causes by chemical exchange an abnormal loss of common salt. This is proved by the fact that the craving of an animal for common salt is most noticeable when the food contains a large proportion of potassium salts, such as wheat, barley, oats, potatoes, beans and peas. The addition of salt to animal food increases the appetite, promotes the repair of tissue by its searching diffusion through the body, and stimulates the rapid using up of its waste products. Boussingault's experiments showed that salt increases muscular vigor and activity, and improves their general appearance and condition.

For Feeding Stock.

A bucket of peculiar construction, designed especially to be used by farmers and dairymen in feeding slop to stock and in the handling of fluid substances is the invention of a Michigan man. It serves in a sense as a dipper.

The arrangement is such that it can be filled by forcing it bottom downward into a receptacle of fluid substance, the hinged portion of the bottom being opened to permit the bucket to be filled and closed to hold the contents until carried to the place of feeding. The contents can thus be discharged into a trough without wasting it and without the liability of spilling it upon the clothes of the operator. The hinged portion of the bottom of the can is operated by a rod extending above the top, which terminates into a handle. As the bucket is carried by the latter, pressure is always maintained upon the bottom to keep it closed. When it is desired to discharge the contents the handle is pushed downward.

The Right Way to Pack Fruit.

If the fruitgrower simply tumbles his apples into the barrel without sort-log and without arrangement, in order to get the greatest number into the barrel, heads it up and ships to market, he will discover when he gets his check that his fruit has been sold for the lowest price. The only way to get the top prices for fruit is to sort it according to grades, arranging in barrels or boxes in layers, placing each apple in by hand, and selecting for the top layer fruit of the same color. The top layer should be made up of apples all of the same size if possible, and the fruit should come just to the top of the staves. Then the heading should be carefully placed on top and gently pressed down until it slips into the chime. This can be done better by the use of a block placed under a lever.

Nitrate of Soda.

The value of nitrate of soda applied to barnyard millet at the New Jersey experiment station was stated by the experimenters as follows: Amount applied, 160 pounds per acre; yield untreated acre, 7.63 tons; treated acre, 13.38 tons; gain by use of nitrate, 5.75 tons; per cent of gain, 75.4; value of gain, at \$3 per ton, \$17.25; cost of nitrate per acre, \$3.00; net gain per acre by use of nitrate over cost, \$14.25. The crop was seeded on June 16 on well-fertilized land at the rate of three-fourths bushels of seed per acre, after a crop of oat and pea forage had been harvested, which averaged six tons per acre. The nitrate was applied soon after the plants were well rooted and capable of absorbing food rapidly.

Farming Notes.

Remember the importance of the kitchen garden.

Preaching economy doesn't amount to much. You must practice it, but there is such a thing as being too economical.

The Clairmont ranch, near Englewood, in Clark County, Kan., consisting of 21,000 acres of fine land, will be cut up into small farms.

One hundred and thirty-nine cows, comprising the best of thirty-six Illinois herds, produced an average of 301 pounds of butter fat last year.

A grist mill built at Denmark, Oxford County, Mich., 100 years ago is still in a state of good preservation and doing business at the old stand.

A Swiss manufacturer claims to have perfected an artificial wool from jute which will stand dyeing—something hitherto regarded as impossible.

Oatmeal and linseed boiled into a thin gruel is fine for lambs. They like it and thrive mightily. They do not need much water with this gruel if fed twice a day.

In Holland they rotate the fertilizers as well as the crops. Each crop has its particular cover. Perhaps that's why they farm successfully on land worth \$1,000 per acre.

A cow owned by William Maher of Sheffield, Ill., gave birth to three good-sized and perfectly developed calves. She is half Jersey, and raised the calves the first three weeks on her own milk.

To Abolish Child Labor.

From Pennsylvania comes the news that one branch of child labor may be abolished, says Technical World Magazine. In the coal mine regions of Pennsylvania are employed some 21,000 breaker boys, who pick out the slate from the coal at the collieries. The Delaware & Hudson Coal Company has installed a mechanical slate picker in its colliery at Wilkesbarre and the report is that it works successfully. The breaker boys and the mechanical slate pickers now take the place of the three hundred boys who would be required in a plant of that size under the old regime. The company will probably place these mechanical pickers in all its other plants.

A TEXAS CLERGYMAN

Speaks Out for the Benefit of Suffering Thousands.

Rev. G. M. Gray, Baptist clergyman, of Whitesboro, Tex., says: "Four years ago I suffered misery with lumbago. Every movement was one of pain. Doan's Kidney Pills removed the whole difficulty after only a short time. Although I do not like to have my name used publicly, I make an exception in this case, so that other sufferers from kidney trouble may profit by my experience."

Sold by all dealers, 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.



Ransom's Reformation.

In a little town a few years ago there was a shiftless colored boy named Ransom Blake, who, after being caught in a number of petty delinquencies, was at last sentenced to a short term in the penitentiary, where he was sent to learn a trade. On the day of his return home he met a friendly white acquaintance, who asked:

"Well, what did they put you at in the prison, Ransome?"

"They started in to make an honest boy out'n me, sah."

"That's good, Ransome, and I hope they succeeded."

"They did, sah."

"And how did they teach you to be honest?"

"They done put me in the shoe shop, sah, makin' pasteboard outer shoes fo' soles, sah."

You Can Get Allen's Foot-Ease FREE

Write today to Allen S. Olmsted, Le Roy, N. Y., for a FREE sample of Allen's Foot-Ease, a powder to shake into your shoes. It cures tired, sweating, hot, swollen, itching feet. It makes new or tight shoes easy. A certain cure for Corns and Bunions. All Druggists and Shoe Stores sell it. 25c.

One Woman's Wisdom.

Mrs. Newed—And you paid only 98 cents for that hat?

Mrs. Oldwed—That's all.

Mrs. Newed—Your husband was delighted, of course?

Mrs. Oldwed—I hope you don't think I was foolish enough to tell him I got such a cheap hat.

Mrs. Newed—Where would the foolish part come in?

Mrs. Oldwed—Why, if I told him what it cost he'd expect me to be satisfied with bargain counter hats all the rest of my days.

The Only Way.

Towne—Of course, the scheme is a good one, but do you think your wife will approve of it?

Browne—Yes, if by careful hinting I can get her to formulate it herself and make her believe it's her own.—Philadelphia Press.

Cambridge, Mass., provides for privileges of study and travel one year in seven for the public school teachers. A teacher draws a part salary and has regular post-graduate course.

HOUSE WORK



Thousands of American women in our homes are daily sacrificing their lives to duty.

In order to keep the home neat and pretty, the children well dressed and tidy, women overdo. A female weakness or displacement is often brought on and they suffer in silence, drifting along from bad to worse, knowing well that they ought to have help to overcome the pains and aches which daily make life a burden. It is to these faithful women that

LYDIA E. PINKHAM'S VEGETABLE COMPOUND

comes as a boon and a blessing, as it did to Mrs. F. Ellsworth, of Mayville, N. Y., and to Mrs. W. P. Boyd, of Beaver Falls, Pa., who say:

"I was not able to do my own work, owing to the female trouble from which I suffered. Lydia E. Pinkham's Vegetable Compound helped me wonderfully, and I am so well that I can do as big a day's work as I ever did. I wish every sick woman would try it."

FACTS FOR SICK WOMEN.

For thirty years Lydia E. Pinkham's Vegetable Compound, made from roots and herbs, has been the standard remedy for female ills, and has positively cured thousands of women who have been troubled with displacements, inflammation, ulceration, fibroid tumors, irregularities, periodic pains, backache, that bearing-down feeling, flatulency, indigestion, dizziness, or nervous prostration. Why don't you try it?

Mrs. Pinkham invites all sick women to write her for advice. She has guided thousands to health. Address, Lynn, Mass.

W. L. DOUGLAS 300 SHOES \$3.50



W. L. Douglas makes and sells more men's \$3.00 and \$3.50 shoes than any other manufacturer in the world, because they hold their shape, fit better, and wear longer than any other make. Shoes at All Prices, for Every Member of the Family, Men, Boys, Women, Misses & Children. W. L. Douglas \$2.00 and \$2.50 Gaiters. \$2.00 cannot be equalled at any price. W. L. Douglas \$2.50 and \$3.00 shoes are the best in the world. Past Color Eyelets Used Exclusively. No Tinke No Substitute. W. L. Douglas name and price is stamped on bottom. Sold everywhere. Shoes mailed from factory to any part of the world. Catalogue free. W. L. DOUGLAS, 157 Sprk St., Brockton, Mass.

S. C. N. U. - No. 37—1908.

CASTORIA

For Infants and Children.

The Kind You Have Always Bought Bears the Signature of

J. C. Fletcher

In Use For Over Thirty Years

CASTORIA

THE CERTAIN COMPANY, NEW YORK CITY.

900 DROPS

CASTORIA

ALCOHOL 3 PER CENT.

Vegetable Preparation for Assimilating the Food and Regulating the Stomach and Bowels of INFANTS & CHILDREN

Promotes Digestion, Cheerfulness and Rest. Contains neither Opium, Morphine nor Mineral. NOT NARCOTIC.

Recipe of Old Dr. J. C. FLETCHER

Painful Stool
Acid Stomach
Bilious Colic
Aged Stool
Pneumonia
Diarrhoea
Whooping Cough
Croup
Sore Throat
Whooping Cough

A Perfect Remedy for Constipation, Sour Stomach, Diarrhoea, Worms, Convulsions, Feverishness and LOSS OF SLEEP.

Fac-Simile Signature of J. C. FLETCHER, NEW YORK.

At 6 months old 35 Doses—35 CENTS

Guaranteed under the Food and Drug Act.

Exact Copy of Wrapper.