Why suffer when relief is prompt and harmless:



Millions of people have learned to depend on Bayer Aspirin to relieve a sudden headache. They know it eases the pain so quickly. And that it is so harmless. Genuine Bayer Aspirin never harms the heart. Look for the Bayer Cross stamped on every tablet.

# BAYER

Great Mule Market

Memphis, Tenn., claims the largest mule market in the world as well as the largest mule stable. More than 80,000 mules, valued at an average of \$100 each, are handled there each season. One stable has accommoda tions for 4,000 mules.

#### Similar Yet Different

"How happy Mrs. Smith looks."
"No doubt she's thinking of the silver fox fur she's just got."

"And how sad her husband looks." "No doubt he's thinking of the same thing."-Lustige, Leipzig.

#### Electric Lighting on Ships

Electricity for lighting has been in use on ocean vessels for half a century, one of the first steamships so equipped being the Columbia, on its voyage from New York to Portland, Ore., in 1880.

#### "Universal" Languages

Volapuk, which made its appear ance in 1879, was one of the first of the "universal" languages, being followed by Esperanto, Spelin, Mondolingue, Universala, Kasmos, Novila-tin, Idiom Neutral and Ro.

#### Picture of Lady Astor

"Lady Astor," says Zoe Beckley in Woman's Home Companion, "makes friends without trying to. She speaks as she thinks, says what she feels and means what she says."

#### Silent Efficiency

"A man dat knows what he wants," said Uncle Eben, "kin always git polite service. A good boss never has to holler."—Washington Star.

#### Mail by Tube

As early as 1860 pneumatic tubes were used in London to carry matt from the general post office to railway stations.

Wright's Indian Vegetable Pills correct indigestion, constipation, liver complaint, billousness. They're Sugar Coated. 25c a box. 372 Pearl St., N. Y. Adv.

Busy men will help others if they are asked to; but they do not make a business of looking for that kind

One is led astray alike by sympathy and coldness, by praise and blame.-Goethe.

A sapphire weighing 30 karats is eported to have been discovered in Burma.

Sin may be ugly, but it understands the art of beauty culture.

Virtue is the beauty of the soul.



# Makes Life Sweeter

-or too much smoking. Lots of things cause sour stomach, but one thing can correct it quickly Phillips Milk of Magnesia will alkalinize the acid. Take a spoonful of this pleasant preparation, and the sys-

tem is soon sweetened.

Phillips is always ready to relieve distress from over-eating; to check all acidity; or neutralize nicotine. Remember this for your own comfort; for the sake of those around Endorsed by physicians, but they always say Phillips. Don't something else and expect the



W. N. U., BALTIMORE, NO. 35-1930.

# No Short Cut in Making Good Hay

Side - Delivery Rake Will Improve Quality and Reduce Labor.

The worst obstacle to hay making many farmers beat the weather with modern hay making machinery, according to Professor H. B. Hartwig of the New York state college of agriculture. The typical farmer is afraid of green, sappy hay; so he goes to the extreme of cuting his clover too late rather than too early.

Nutritious Hay Cut Early. The most nutritious hay is cut earlier than the full bloom stage and thereby retains the green color and he leaves. The color is needed in hay not because the color itself makes meat, wool, and milk, but because of what is normally associated with color, says Professor Hartwig. The same processes that destroy color in hav are the ones that destroy feeding value. Mold destroys feeding value and color. Wetting in the field and bleaching, with the leaf loss asso-

ing value along with the color. Clover leaves make up about 30 per cent of the weight of the bay and contain nearly half of the nutrients. Any process that shatters leaves lowers the value of the hay when fed, which explains the tendency to use the lefthand side delivery rake in place of the old type tedder. The left-hand side delivery rake throws a high proportion of the leaves to the inside of the swath where they dry more slowly. It also tends to throw the stems out where the sun can hasten their dry-ing. The right-hand rake will do just as good work but requires a little more bother. With it one should cut the hay in lands, start to rake in the center of the land, and rake in the

clated with it, also destroy the feed-

Lessens Labor. The side-delivery rake does not refuce the time from cutting to storing, but it enables a man to put up more acres with less labor. There is no short-cut for good curing, Professor,

opposite direction of the mower.

# No Difficulty to Find

Hartwig says.

Good Market for Apples

At this season of the year apple growers are generally very much concerned about the proper sale or disposal of their fruit crops. The apple producer who has fine, clean, high quality fruit consisting of standard varieties will have but little, if any, lifficulty in finding a profitable market. In fact, such fruit is always in demand and buyers vie with each other to obtain such apples.

There is always, however, a larger quantity of what might be called nedium to inferior apples and these are the ones that are the hardest to market. From what has already been said about the apple scab disease and the unfavorable conditions for spraying, the difficulties of the grower in marketing a low grade of fruit may be somewhat worse this year than usual.

No matter what the character of the fruit is, however, it will usually pay to grade it well and to stick to established grades. There is always a market for what is known as cull apples, but the grower may have at least two or even more grades of what is gen-erally termed "culls." For the better culls a higher price may be asked.

# Designate Two Cows as

Champions of Colorado Two pure-bred Jersey dairy cows owned by the Colorado Agricultural college have just been declared champion register of merit cows in their classes for Colorado during 1929, by the American Jersey Cattle club.

Certificates to this effect have just been received by Prof. George E. Morton, head of the animal husbandry department at the college, from Lewis W. Morley, secretary of the club.

One of the cows, Campestral Queen, has been designated as the champion register of merit cow, class AA, with a record production of 453.26 pounds of butter fat in 365 days.

The other, Fox's Leora Dewdrop, has been declared the champion register of merit cow, class AAA, for the past year, with a record butter fat production of 394.45 pounds in 284

The college dairy herd is in charge of B. W. Fairbanks, associate pro fessor of animal husbandry.

# Farm -lint

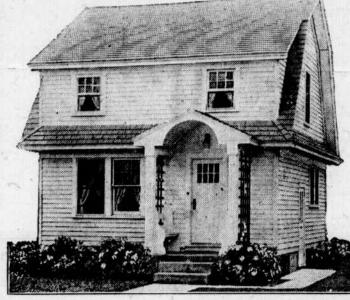
Cows milking should be watered at least twice daily at all seasons.

There is some danger of causing udder troubles if helfers are kept overfat, but this condition rarely occurs. Usually they are not carrying sufficient flesh.

If a marked falling off in milk flow is allowed, it is impossible to fully regain the loss, even with the best of feeding later, and a lowered produc tion results from the balance of the lactation period.

All persons who handle milk should realize that they have in their charge a food which is easily contaminated and therefore should take all reasonable precautions to prevent it from be coming a source of danger to themselves and others.

# Happiness, Comfort and Sunshine This Home Offers in Abundance



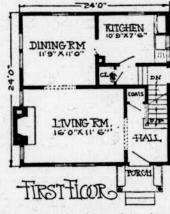
Happiness, comfort and sunshine. This home will bring it in abundance. It is well designed without a bit of waste space. The cost of this home is surprisingly low.

By W. A. RADFORD

Mr. William A. Radford will answer questions and give advice FREE OF COST on all subjects pertaining to practical home building, for the readers of this paper. On account of his wide experience as editor, author and manufacturer, he is, without doubt, the highest authority on all these subjects. Address all inquiries to William A. Radford, No. 407 South Dearborn Street, Chicago, Ill., and only inclose two-cent stamp for reply.

In many of the smaller towns and on the farm there is a demand for a small home such as shown in the illustration. On larger farms this would make a very excellent tenant house while for the use of those who live in town it is an excellent design for the small lot or for the family of not more than five people.

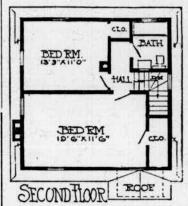
The house is 24 feet by 24 feet. Its foundation walls are straight, which means economical construction cost. The plain walls of the square house are broken by an unusual roof design. As a matter of fact, the wide dormer above at the front and at the back



adds to the roominess of the house and takes from it the plainness that is often found in smaller homes of this The overhang of the roof and the attractive entrance porch with

colonial seats on either side and the trellis over which vines or flowers can be trained are features which will appeal to the prospective home builder.

The entrance door leads to a stair hall and at the left is the living room extending most the width of the building. This room is 16 feet by 11 feet 6 inches wide. It is connected



with the dining room, 11 feet 9 inches by 11 feet, by a double cased opening which makes the two rooms practically one. The kitchen is of good size, being 10 feet 9 inches by 7 feet 6 inches. Upstairs there are two large bedrooms, the one at the front of the house being 19 feet 6 inches by 11 feet 6 inches. The one at the rear is 13 feet 3 inches long by 11 feet deep. Both rooms have ample closet space in connection with them. At the head of the stairs off the hall in a convenient place is the bathroom.

This house is set on a concrete foundation and has a basement of the same size as the house itself. It is of frame construction, the outside walls being covered with ship-lap siding,

This home building design will appeal to those who want a small attractive home but who do not have a large sum of money to invest.

#### Storage Type of Water Heater Best for Home

The ability to turn a faucet at any hour of the day and night and get all the hot water necessary is one of the greatest comforts of present-day American life.

How to get hot water in the spring and summer months when the house heating plant is not in operation is a problem that confronts many homeowners.

Hot water is needed for the family wash, for cleaning and cooking, for shaving, and for a soothing bath. An abundant supply of hot water available at all times shortens the housewife's work in the kitchen by hours in a week, by days in a year, and by years in a lifetime.

The demand today is not merely for a coil in the house heating plant which will supply hot water when the heating plant is in operation, but for a dependable all-the-year-around sup-

ply of hot water. Various types of water heaters are available. Some burn coal, some use oil, but most of them utilize gas as a fuel. A few types of electric water heaters are on the market.

There are three general kinds of

gas water heaters.

The cheapest is the "side-arm" type which is so called because the water is heated in a copper coil placed at the side of a galvanized iron tank. While the original purchase price for this type of heater is small, it is relatively inefficient in operation because the uninsulated tank allows the water to cool off very quickly. Furthermore, as the hot water is drawn off, the cold water comes in and cools off the rest of the water and the tank.

Another obvious disadvantage of this type of heater is the fact that it is necessary to light it every time hot water is needed. When the heater is in the basement, this is often a serious inconvenience.

The two other kinds of gas water heaters are the storage heater and the instantaneous heater.

The storage heater is the type most popular with the average housewife. It is economical, yet very convenient. Once this type of heater is installed, the home-owner need no longer worry about his supply of hot water. When the water in the storage tank falls below a certain temperature

whatever temperature the home-owner desires (usually about 150 degrees) -the burner is automatically lighted from a pilot which burns continuously. Thus, there is always a tank full of hot water.

The best heaters are well insulated with thick blankets of rock wool, asbestos, hair or cork. The insula tion is between the outer jacket of steel and the inner tank of rust-proof metal.

Instantaneous gas heaters have no storage tank. At a turn of a faucet anywhere in the house, a powerful flame is lighted in the burner and water is heated in an elaborate structure of copper colls. Hot water pours from the faucet almost instantly.

This type of heater may be used efficiently in a home, apartment, school or hospital where the demand for hot water is constant. But, if the demand for hot water is intermittent, such as is usually the case in the average home, this type of heater would prove expensive in op-

#### Foundation of Home Shows Its Condition

Before you buy a house, you should start with the basement and examine the walls for water stains and horizon tal water lines caused by water seep

age or water standing in the basement The foundation and retaining walls should be inspected for proper thickness. A minimum width for main foundation walls below grade for a light frame structure of one or two stories should not be less than 10 inches if of concrete: 13 Inches if of brick or 18 inches for stone.

Concrete walls having a sand or clay appearance are deficient in cement, or else are constructed of bank sand and gravel containing a large percentage of loam. Such walls should be examined for sand and loam pockets which are deterimental to the walls' structural strength and permit the entrance of water.

The wall plate or mud sill, which lies directly upon the foundations and upon which the floor rests, should be minutely examined for dry rot and decay. This is generally the first member of a dwelling's superstructure that



Not all tomorrows can be sad Let's put by our foolish fears And through all the coming years Just be glad.

—James Whitcomb Riley.

FRUIT DISHES

Since science has brought to our kitchens the prepared pectin, which is



so easy to use and saves the long cook ing and waste in bulk as well flavor, many of the fruits such as peaches, pears and berries may now be found on our fruit

closet shelves to be enjoyed when such fruits are out of season or too ex-pensive to be bought.

Ripe Pear Jam .- Use only fully ripened fruit. Peel, core and crush so that every part is reduced to a pulp. Measure four cupfuls of the fruit (two pounds) and seven and one-half cupfuls of sugar to one bottle of pectin. Mix the fruit and sugar and bring to a hard boil for one minute. Remove from the fire and add the pectin, stir and skim by turns for five minutes to cool slightly to prevent the floating of the jam. Pour quickly and cover with a film of paraffin. This makes about eleven jelly glasses. It sometimes sets slowly. For variety one may add grated lemon rind or spices.

Ripe Peach Jam.—Use only fully ripened fruit, do not peel, remove the pits and crush the fruit. Add onehalf cupful of water, two or three cupfuls of fruit pulp, six and one-half cupfuls of sugar and a bottle of pec-Cook the sugar and fruit to a full boil for a half minute. Remove from the fire and let stand one minute. skim, return and simmer five minutes; bring again to a boil and add the pectin. Remove from the fire, let stand again a minute, skim and pour into glasses.

For the jelly, cook the fruit, drain through jelly bag and to three cupfuls of the juice add two and three-fourths pounds of sugar and one cupful of pectin. Prepare as for pear jam.

Dixie Fruit Cup.-Take one can of grapefruit, one cupful of watermelon balls or cubes and a few sprigs of mint. Chill the grapefruit in the before opening. Pour the grapefruit over the melon and let stand to blend the flavors. Serve in fruit glasses with a sprig of mint.

Peach Melba.—Take three larg peaches, peel and halve them. Line sherbet glasses with strips of sponge cake and place a halved peach in each dish with the cut side up. Fill the cavity left with a small ball of vanilla ice cream, cover with heavy cream, one-half cupful to which one-fourth of a cupful of cranberry sauce and a bit of shredded coconut has been added.

Another Fruit Cup .- Prepare one medium sized grapefruit or use onehalf a can, cube two pears, quarter one-fourth of a pound of dates and cut into cubes one-half a canteloupe. Blend well, adding the dates at the last. Serve very cold.

# ANOTHER SANDWICH

Ever since the nobleman John Montagu, fourth earl of Sandwich, called

slice of bread with a filling of meat or cheese, the sand-wich has been a most popular "quick lunch." Puree of Sardine

Sandwich. - Drain the oil from a large can of sardines. Remove the skins and bones, rub the

fish through a fine sieve and to it add one-fourth of a cupful of creamed but ter, two finely chopped hard cooked sauce to season. Mix thoroughly and spread on sandwich bread that has been spread with mayonnaise. Put together with pairs of the bread spread with the mayonnaise. Cut the sandwiches into three strips, making finger-sized sandwiches, easy to eat and handle.

Melba Sandwich .- Chop the meat peeled from the pits of three dozen large olives. Add one cupful of finely chopper pecan nut meats, moisten with mayonnaise and spread on thinly sliced graham bread that has been spread with green pepper butter.

Green Pepper Butter.-Cut a slice from the stem ends of three or four green peppers, remove the seeds and white fiber and cook until scalded in boiling water. Drain again and rub through a sieve-there should be two tablespoonfuls of the pulp. Cream one-half cupful of butter and add the pulp gradually, stirring well. Season with salt and cayenne. This butter is especially good spread over planked fish or steaks.

Bacon and Eggs Sandwiches.-Spread thin slices of bread with salad dressing to which has been added finely chopped cooked eggs. Cover with thin slices of hot broiled bacon and another slice of bread spread with salad dressing.

Ham Sandwiches.-This seems to be the favorite of all meats for sandwich filling. Chop the ham fine with a little of the fat mixed with it. To one cupful packed solidly add prepared mustard, cayenne. Spread on thin slices of buttered rye bread which has been covered with a thin

Neceie Maxwell

# Mementoes of American

Generosity Still Stand The Messina earthquake of 1908, in which 90,000 people lost their lives, is probably a hazy memory to those Americans who donated shiploads of food, clothing and medicine, as well

as large sums of money.

It may therefore be interesting news to them that their philanthropy lives on after two decades. A nev Messina has grown up on the ruins of the old.

There are numerous costly public and private buildings, fine apartment houses and private residence in the new Messina, Sicily's third largest city and a thriving port and rallroad center. One whole quarter, however, of Messina is still made up exclusively of wooden houses donated by Americans for temporary shelter.

#### Train Night-Flying Birds

A race of night-flying pigeons is being developed under supervision of the War department. Soon after the World war the United States army signal corps started to develop these birds, realizing that they would be of invaluable service in case of war or in time of great national disaster, such as floods, cyclones or earthquakes. At the army signal school at Fort Monmouth, N. J., there is now a loft containing only night flying birds. These are the result of careful training of homing pigeons. selection and breeding of the most intelligent, the sturdlest and those that had habitually flown in twilight or darkness.

#### Pictures for Public

While the French government is endeavoring to arouse interest in the natural features and beauties of the country by printing views of the more interesting sights, the tramway companies are trying to improve the mental equipment of their passengers by printing the portraits of celebrated characters of French history upon the tickets which are issued to riders. The faces of Turgot Lamartine, Michelet and Victor Hugo are among those appearing upon the tickets, and it is supposed that the passenger will be spurred on to improving his mental equipment by contemplating the portraits,

#### Queen's Refuge for Sale

The estate of Gadgirth, near Ayr. where Mary Queen of Scots is said to have sought refuge for a night, when fleeing from the battle of Langside, is being offered for sale. It is one of Scotland's oldest historic properties. For centuries the estate of Gadgirth was the home of the Chalmers, the great chamberlains of Scotland, from whom the famous divine. Doctor Chalmers, is said to have claimed descent. John Knox, who was a close friend of the family, dispensed the sacrament there.

# Mirrors on Golf Club

Sir James Henderson, British scientist, faced with the usual troubles of the golfer, invented a club whose head contained two mirrors to aid him in perfecting his form, and the device has proved so successful that it is being placed on the market in England, says Popular Mechanics Magazine. When the head is placed against the ball the mirrors reflect the light from a lamp set beside the ball. Unless the club is in correct position the light is not reflected from both mirrors.

# To Disperse Mobs With Water

Berlin's police department has been equipped with a number of anti-riot automobiles to dispel unruly crowds. The car is an armored water tank on wheels capable of shooting water at tremendous pressure. Each car has a capacity of 56 gallons and the turret, resembling that on war tanks, is so arranged that water can be thrown in any direction.

# Simple Matter

"Does a dentist have much trouble in collecting his bills?"

"No." answered the expert in teeth "A man usually sees that his last account is paid before he has more work done. He takes no chances on an unfriendly disposition."

#### Different Matter Husband-And what did you pay

for that hat? Wife-Nothing.

Husband-Well, that is cheap! How did you manage it? Wife-I told the milliner to send you the bill.-Dorfbarbier (Berlin)

# Frank

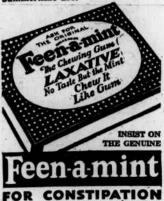
"To what do you attribute your success in the financial world?" asked the cub reporter of the great capitalist. "To the fact the world is full of

easy marks and suckers," he snapped. Odd Civil War Currency

During the Civil war unused stamps inclosed in metal disks were used for money.

# Prevent **Summer Upsets**

Warm weather and changes of food and water bring frequent summer upsets unless healthy elimination is assured. You will find Feen-a-mint effective in milder doses and espe-cially convenient and pleasant for summertime use. summertime use.



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A pair silk hose for 1 hours work on your
ypewriter. Nothing to buy or sell. Write
oday for instructions to Ridgway Pubications, 1228 & E. Main. Knoxville. Tenn.



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A single dose of Dr. Peery's "Dead Shot' expels worms. Tones up the stomach and bowels. No after purgative necessary Dr. Peery's Vermifuge.

One Soap is all you no for Toilet Bath Shampoo

Use Glenn's Sulphur Soap Contains 331/2 % Pure Sulphur. At drug

#### Pleasant Job Knicks-Where did you get that

roll of money?

Rohland's Styptic Cotton, 25c

Knacks-It's not mine. I'm just breaking it in for a friend! Futility of Anger

Anger is not only the prevailing

sin of argument, but also its great-

est stumbling block.-Gladstone. To be happy gives no cause for envy. The secret of happiness is to hide one's life.—De La Bouisse.

He that avoideth not small faults by little and little falleth into great-



# Endorsed by Nurse

"Just a few words of praise of your medicine. Nothing gave me relief and health as Lydia E. Pinkham's Vegetable Com-pound did. I am a practical nurse and was so rundown that I was unable to work. I used to suffer agonies at times and would have to lie down the biggest part of the day. After two bottles of Vegetable Compound I felt better. Now I have used ten bottles and feel fine. I recommend it to many of my patients."-Mrs. Florence Johnion, R. R. #3, Chetopa, Kansas.

Lydia E. Pinkham's **V**egetable Compound

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