

## Little Soldiers

In your blood are the millions of corpuscles that defend you against disease.

To make and keep these little soldiers healthy and strong, is simply to make and keep the blood of the right quality and quantity.

This is just what Hood's Sarsaparilla does—it helps the little soldiers in your blood to fight disease for you.

It cures scrofula, eczema, eruptions, catarrh, rheumatism, anemia, nervousness, dyspepsia, general debility, and builds up the whole system.

### Still Had Hopes.

"Say," queried the wise guy, "don't you ever get discouraged in trying to get something for nothing?"

"Now," replied the granger, who had just invested in his twenty-third gold brick. "I've noticed that other fellers allers gits his that way, an' mebbe in th' course uv time I'll be th' other feller."—Detroit Tribune.

## MAKE OLD SILVER NEW

Have you some old, tarnished Knives, Forks and Spoons that look bad? Would you like to have them plated with pure silver so they will look and wear like solid silver?

SEND US YOUR NAME AND ADDRESS

and give us a list of what you have that needs refinishing and we will send you by return mail full information and particulars how to have it done at little cost.

It Doesn't Cost You a Cent to Learn It

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OREGON PLATING WORKS, Silver Department  
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22 Single Shot, (Model 1902)..... \$3.50  
22 Single Shot, (Model 1904)..... 5.00  
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22-24, 22-26, 22-28, 44-46, (Model 1909)..... 13.15  
22-24, 22-26, octagon barrel, (Model 90) 16.53  
NO CHARGE FOR CASING OR CARTAGE  
Send for our price list. Save express charges on eastern catalogue house prices.

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Imported Rice, superior quality. Comes in bulk or 3-lb. bags. If your dealer doesn't keep it send us his name and address. We also handle all classes of Domestic Rice at lowest prices. The only Rice Mill and largest dealers on the coast.

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\$3.00 Everywhere  
Every garment guaranteed waterproof.  
Catalog free



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The Chinese Doctor  
This wonderful man has made a life study of the properties of Roots, Herbs and Barks, and is giving the world the benefit of his services.  
No Mercury, Poisons or Drugs Used. No Operations or Cutting  
Guarantees to cure Catarrh, Asthma, Lung, Stomach and Kidney troubles, and all Private Diseases of Men and Women.  
**A SURE CANCER CURE**  
Just received from Peking, China—safe, sure and reliable. Unfailing in its works.  
If you cannot call, write for symptom blank and circular. Inclose 4 cents in stamps.  
CONSULTATION FREE  
**The C. Gee Wo Medicine Co.**  
162 1/2 First St., cor. Morrison, Portland, Or.

P N U No. 52-08  
WHEN writing to advertisers please mention this paper.

**Miss or Mr.?**  
"Fighting Bob" Evans, during his last stay in Washington, was one evening a guest at a house where he met a number of the younger set of the capital.

As the admiral was leaving he chanced to pick up from the floor a very dainty handkerchief, edged with lace. He was gravely inspecting this "trifle, light as air," when a rather effeminate-looking young man hastened forward to claim it.

"Your sister's, no doubt," said the admiral, as he handed it over.

"Oh, no," said the young man, "it's mine."

Evans scrutinized the young man closely. "Would you mind telling me what size halfrim you use?" he asked, after a pause.

**Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children during the teething period.**

**Dom Pedro's Little Joke.**  
Dom Pedro I., Emperor of Brazil, was one of royalty's strong men. On the occasion of a carnival he arranged matters so that he was standing on the bow of the royal barge between two of his stateliest courtiers.

Suddenly, in the midst of the festivities the King reached out, grasped a courtier with each hand, and, after holding them for a few moments squirming in the air and begging to be released, he relaxed his grip and allowed them to drop plump into the water, amid the frantic applause of the huge crowd that had assembled to view their monarch. The King joined heartily in the general hilarity; but what the drenched courtiers thought about this exquisite joke is not recorded.

**FITS St. Vitas' Dance and other ailments permanently cured by Dr. J. J. King's Great Nerve Restorer. Send for FREE \$2.00 trial bottle and treatise. Dr. J. J. King, Ltd., 311 Arch St., Philadelphia, Pa.**

**Omitted.**  
The two old neighbors had met on the street.  
"Mornin', Sam," said the first. "I hear your son Bill has got through college successfully."  
"Yep," said the other.  
"Learn anythin'?"  
"Yep."  
"What's he got out of it chiefly?"  
"He kin speak seven languages."  
"Fine!"  
"Oh, I dunno. Trouble is they forgot to teach him any ideas to express with 'em."—New York Herald.

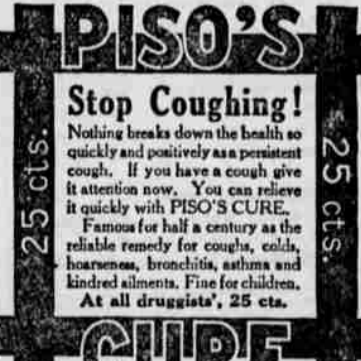
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Always shake in Allen's Foot-Ease, a powder, cures hot, sweating, aching, swollen feet, cures corns, ingrowing nails and bunions. At 10 drug stores and shoe stores, 25c. Don't accept a substitute. Sample mailed FREE. Address: Heu S. Omsied, Le Roy, N. Y.

**Only a Question of Time.**  
"George," asked Mrs. Ferguson, "have you written that letter to Aunt Hepsy yet to ask her to come and spend the winter with us?"  
"No, but I'll forget it, Laura," answered Mr. Ferguson. "I've cut a notch in my thumb nail, and when I come to it in trimming the nail it will remind me of it."  
"May I ask where you cut that notch?"  
"Er—at the root of the nail, Laura."

**Legal Note.**  
A London city man recently wrote to a lawyer in another town asking for information touching the standing of a person there who had owed the Londoner a considerable sum of money for a long time. "What property has he that I could attach?" was one of the questions asked. The lawyer's reply was to the point. "The person to whom you refer," he wrote, "died a year ago. He has left nothing subject to attachment except a widow."—Punch.

**Girls Taught Life-saving.**  
A course in life-saving has been instituted among the women students of Columbia University for the purpose of making them as adept as men in rescuing drowning persons. They receive the regular life-saving drill, including the grips and breaks, towing to shore and artificial respiration. A fully dressed girl is thrown into the water at one end of the swimming tank, and other girls are obliged to rescue her from the opposite end and take her back, which is already done in 57 seconds. This new departure in co-education has become immensely popular.

**The Pearl.**  
The pearl is nothing but carbonate of lime, and vinegar or any other acid will eat away the polished surface in a few moments. As for the opal, hot water is fatal to it, destroying its fire, and sometimes causing it to crack. Soap is a deadly enemy of the turquoise. If a turquoise ring is kept on the hand while washing, in a short time the blue stones will turn to a dingy green.



**PISO'S CURE**  
Stop Coughing!  
Nothing breaks down the health so quickly and positively as a persistent cough. If you have a cough give it attention now. You can relieve it quickly with PISO'S CURE.  
Famous for half a century as the reliable remedy for coughs, colds, hoarseness, bronchitis, asthma and kindred ailments. Fine for children.  
At all druggists, 25 Cts.

**DENAI IIF ED ALCOHOL.**  
Oregon Agricultural College Gives Information on This Subject.  
By C. E. Bradley, Oregon Agricultural College Corvallis.

On June 7, 1936, congress passed a law removing the internal revenue tax of \$2.07 per gallon on grain alcohol which had been properly denatured or rendered unfit for drinking purposes by the addition of certain materials, such as wood alcohol, benzine or pyridine. It was hoped that by the removal of this tax alcohol could be obtained cheaply enough to compete with petroleum for light and fuel. The demand for such alcohol can be readily seen when we note that approximately 3,000,000 gallons of gasoline are consumed daily in the country and that the increased demand for it, due to the development of the modern explosion motor, has doubled its price in the last ten years. Indiana and Ohio oils contain only about 5 per cent of gasoline and the per cent of the lighter distillate in California and Texas crude oil is very low. The supply of gasoline therefore seems to be limited, but the demand increasing. Alcohol, it has been demonstrated, can meet this demand. Furthermore, the annual consumption of kerosene in the United States approximates 1,000,000,000 gallons, three-fourths of which are probably used by the farmers. Since one gallon of alcohol is equivalent to two gallons of kerosene for lighting purposes, 375,000,000 gallons of alcohol could be used on the farms of this country each year. This would require for its production 140,000,000 bushels of corn, or 5,000,000 acres, an increase of 5 per cent over that now grown. If made from potatoes, this 375,000,000 gallons of alcohol would require 450,000,000 bushels, or 5,000,000 acres, an increase of 60 per cent over that now produced. The present consumption of alcohol amounts to but 16,000,000 gallons per year.

Ethyl or grain alcohol is a natural product, formed by the fermentation of various kinds of sugar through the agency of yeast organisms. Since starch is readily convertible into sugar by either natural or artificial means, materials which contain notable quantities of either starch or sugar may be utilized for making alcohol. The more important sources of alcohol are the cereals, potatoes, molasses and fruits. In France alcohol is chiefly made from the sugar beet, in Germany from the potato, and in America from corn. A bushel of corn will yield approximately 2 1/2 gallons of 95 per cent alcohol; a bushel of potatoes three-fourths of a gallon and a bushel of apples one-third of a gallon. In the large distilleries it costs about 17 cents to manufacture and place on the market one gallon of alcohol, and the cost of the raw material used brings this ordinarily to approximately 30 cents. Allowing for the necessary profit, alcohol will reach the consumer at about 40 cents per gallon. But alcohol at 40 cents can compete with kerosene at 75 cents for lighting purposes, since alcohol has twice the illuminating value of kerosene, and in competition kerosene can never demand more than one-half the market price of alcohol.

For making cheap alcohol a cheap concentrated raw product and a well equipped plant are necessary. The plant should have a capacity of at least 100 gallons per day, the cost of such a plant being in the neighborhood of \$10,000. No such plant can operate successfully on waste products alone, especially if such are to be obtained for only a brief part of the year, as, for example, waste fruits. There must be some more staple product as a basis, with the waste materials handled as a side issue. For a staple in the Northwest we must look to potatoes or sugar beets and damaged grain when it can be secured, on which materials, together with various waste products, a plant could be operated throughout the year.

Because of the persistent inquiries relative to the merits and demerits of the wheat known locally as "Alaska," the Idaho experiment station has given the wheat a milling test and subjected the flour so obtained to chemical examination and baking tests. The results of these tests, together with such other information concerning the wheat as could be gathered from reliable sources, have just been published in bulletin form.

The wheat is apparently of the same variety that is known in southern Europe as Poulard, or Egyptian. It is used there for making macaroni and other pastes, and the flour made from it is said to be in demand by certain French markets.

Under field conditions the wheat has not made any phenomenal yields, averaging this year perhaps no better than ordinary winter wheat. The kernels are large and plump and compare favorably in appearance with much of the wheat that is raised in northern Idaho; because of their size and shape they are easily broken, however, and care must be exercised in threshing to prevent this.

The results of the milling tests show that no particular difficulty is met with in grinding the wheat. The flour secured is described as sharp and granular, and is capable of making an excellent quality of biscuits, muffins, cakes, etc. When made into light bread, color, flavor, texture and size of loaf were noted. In color the bread was darker than that baked from Turkey red, but decidedly lighter than that baked from little club flour. Flavor and texture were pronounced good. In size the loaves were inferior to those baked from Turkey red, but compared very favorably in this respect with those baked from little club flour. The bulletin may be secured by addressing the Experiment Station, Moscow.



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There had been a fire in the apartment building, with heavy loss of property and many narrow escapes.  
"Were there any acts of conspicuous heroism?" queried the reporters.  
"Yes," said one of the victims. "With a self-sacrifice never before witnessed in a case of this kind, sir, we all turned in and helped to carry out the piano that was on the second floor."  
**Armor on Warships.**  
The thickness of armor on modern warships is truly astonishing. The side armor of a first-class battleship usually varies from sixteen and one-half inches thick at the top of the belt to nine and one-half inches at the bottom. The gun turrets are often protected by armor from fifteen inches to seventeen inches thick.

# CASTORIA

The Kind You Have Always Bought has borne the signature of Chas. H. Fletcher, and has been made under his personal supervision for over 30 years. Allow no one to deceive you in this. Counterfeits, imitations and "Just-as-good" are but experiments, and endanger the health of children—Experience against Experiment.

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Castoria is a harmless substitute for Castor Oil, Paregoric, Drops and Soothing Syrups. It is Pleasant. It contains neither Opium, Morphine nor other Narcotic substance. Its age is its guarantee. It destroys Worms and allays Feverishness. It cures Diarrhoea and Wind Colic. It relieves Teething Troubles, cures Constipation and Flatulency. It assimilates the Food, regulates the Stomach and Bowels, giving healthy and natural sleep. The Children's Panacea—The Mother's Friend.

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