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Manufactured and Rebuilt
ELECTRIC WORKS
No. 10th, Portland, Ore.

EIGHT RATES
Largest and most complete
selection of shoes given
by any one firm in
Oregon. 201 Wilcox bldg.
Portland, Ore.

ORGANIZING COMPANY
227 Broadway St., Port-
land, Ore. Country service a
Parcel Post.

**Pork, Beef,
Lard, Butter, Eggs,
Farm Produce**
Selling house with a
large Dealership and
MARKET PRICES.
INKHITE
Portland, Oregon

T. M. C. A.

the School

Plans in Construction and
Special detailed in-
formation on request. En-
gineer, T. M. C. A.
Portland, Oregon

Date.
Shoes of slick-
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GE & SON
Portland, Ore.

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ENSION

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Established 1906.

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C. A., Portland,
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**GS
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this line to
OS,
Portland, Ore.

1918

WAR HAS CREATED BIG NEW INDUSTRY

United States Makes Remarkable Strides in Manufacture of Chemicals.

FREED FROM FOREIGN YOKE

Production of Nearly Enough Coal Tar Dyes to Meet Domestic Demand Big Feature of Development.

"No branch of American industry has ever presented such a marvelous rate of expansion as has that of chemical technology during the past two years," says Dr. Thomas H. Norton, one of Uncle Sam's special commercial agents, who has been devoting a large part of his time to the study of this new development of American industry. Included in this industry is the manufacture of coal-tar dyes, for which the United States depended almost entirely upon European manufacturers until the war cut off the supply.

"The national exposition of chemical industries, held recently in New York," says Doctor Norton, "showed the wonderful strides that had been made in this field during the past two years. The degree to which this nation was dependent upon foreign sources for the greater part of its chemicals, drugs and dyes was revealed to us in a brusque, uncomfortable manner as the rapid succession of embargoes consequent upon the great European conflict suddenly threatened a multitude of manufacturing activities, dependent upon regular supplies of certain chemicals, with dislocation or paralysis," says Doctor Norton.

Wonderful Progress Shown.
"The exposition recently held was a barometer, as it were, showing in a vivid, picturesque way the wonderful progress and adaptation characteristic of these past few months, how American enterprise, skill, science and capital have united to lay broad and deep the foundations of a comprehensive and self-contained national chemical industry. While the genius and energy of European chemists have been concentrated upon means and methods of destroying life and annihilating armed power, American chemists have been equally active in synthetic, constructive fields, swiftly evolving, one after another, various branches of industrial effort destined to emancipate us from a foreign commercial yoke.

"Among the many interesting features illustrative of this evolution were such exhibits as the following: The barium industry, now utilizing to the fullest extent the boundless domestic deposits of barytes; the contact sulphuric acid process, now unsurpassed in volume and perfection of method; chemical glassware and porcelain, equal to the finest products of Germany; bleaching powder of the highest grade, of which, two years ago, but one-quarter of the country's needs was of domestic origin; the numerous sodium compounds, such as the ferrocyanide and the chlorate, now effectively and satisfactorily replacing the corresponding potassium salts, formerly imported in such quantities; a large group of medicinal chemicals hitherto secured exclusively from across the Atlantic, etc.

"There were instructive exhibits showing how American ingenuity is seeking to solve the nitrogen problem, and free us from further dependence upon Chile's swiftly vanishing stock of nitrate. "The most striking feature of the exposition was found in its revelation of the astonishing rapidity with which an American coal-tar chemical industry is being created. Formerly most of the coal-tar, benzol and ammonia, liberated by our by-product coke ovens, was allowed to go to waste. Now it is all recovered.

Growth Almost Mushroomlike.
"There has been an almost mushroomlike growth of the industries producing dyestuffs, explosives, photographic chemicals, and synthetic medicinal, flavors and perfumes from prosaic coal-tar. And yet there is little of the mushroom about the spacious factories and jungles of machinery which have so swiftly appeared upon the scene.

"Two years ago a single firm made aniline on a small scale, while six companies produced artificial dyestuffs from intermediates imported from Europe.

"Today 18 companies are manufacturing synthetic carboxylic acid, and over 40 are producing aniline and other intermediates. Over 30 companies are making coal-tar dyes. The total number of operatives in this branch two years ago was 400; now single establishments employ 1,000 workmen. In 1914 we made one-tenth of the synthetic colors consumed in the United States by "assembling" foreign semi-manufactured material. Today we produce three-quarters of the amount of artificial colors normally required by our textile, paper, and other industries, and every pound is made from American coal tar! The production is largely concentrated upon a few staple colors, used in great amounts. The variety of shades available is, however, being rapidly increased. A few years will see the American industry able to supply the great bulk of the domestic demand both in quantity and in variety."

TAKE GOOD CARE of the Stomach

IT WILL PAY YOU

When weakness develops
REMEMBER

HOSTETTER'S Stomach Bitters

STRENGTHENS—INVIGORATES

The genuine has Private
Stamp over the neck of
Bottle. Insist on having it

Progressive Havoc.
A militia captain whose company was about to march against an invading enemy thus depicted the awful consequences of the foe's success: "Gentlemen, they will lay your towns in waste, murder your wives and children and pull down your fences."—Boston Transcript.

Had Terrible Pains in Kidneys and Back.

Dear Mr. Editor—I want to write you about "Anuric." I was very sick, could hardly be up; I was in bed most of the time. Had terrible pains in my kidneys and back, so much so that I had to scream sometimes when I was sitting down and wanted to get up, the pain was so great. I had tried a well-known kidney medicine but it didn't help me. I heard of Dr. Pierce's Anuric Tablets so I thought I would try them. I took only one box of the Tablets, and my back is now free from pain and I can work and take care of my family. I feel I cannot say enough for this medicine. Sincerely, Mrs. Wm. Keller.

Notes: This "Anuric" is adapted especially for kidney complaints and diseases arising from disorders of the kidneys and bladder, such as backache, weak back, rheumatism, dropsy, congestion of the kidneys, inflammation of the bladder, scalding urine and urinary troubles. The physicians and specialists at Dr. Pierce's Great Institution, at Buffalo, N. Y., have thoroughly tested this prescription and have been with one accord successful in eradicating these troubles, and in most cases absolutely curing the diseased kidneys. Patients having once used "Anuric" at Dr. Pierce's Invalids' Hotel, have repeatedly sent back for more. Such a demand has been created that Dr. Pierce has decided to put "Anuric" in the drug stores of this country, in a ready-to-use form. If not obtainable send one dime, by mail to Dr. Pierce for trial package or 50 cents for full treatment.

Dr. Pierce's Golden Medical Discovery is a blood cleanser and alterative that starts the liver and stomach into vigorous action. It thus assists the body to make rich, red blood, which feeds the heart, nerves, brain and organs of the body. You feel clean, strong and strenuous.

A Wish.
"I wish success were a woman."
"Why?"
"Then everybody would know its secret."—Detroit Free Press.

A Home Strike.
Biggs—People are striking everywhere.
Diggs—Gosh, yes! My wife has just struck me for a new fall outfit.—Boston Transcript.

Just The Thing.
"You'll like this refrigerator, sir."
"Why so?"
"It has a secret drawer for a pint bottle."—Louisville Courier-Journal.

WIFE TOO ILL TO WORK

IN BED MOST OF TIME

Her Health Restored by Lydia
E. Pinkham's Vegetable
Compound.

Indianapolis, Indiana. — "My health was so poor and my constitution so run down that I could not work. I was thin, pale and weak, weighed but 109 pounds and was in bed most of the time. I began taking Lydia E. Pinkham's Vegetable Compound and five months later I weighed 183 pounds. I do all the housework and washing for eleven and I can truthfully say Lydia E. Pinkham's Vegetable Compound has been a godsend to me. I would have been in my grave today but for it. I would tell all women suffering as I was to try your valuable remedy."—Mrs. Wm. Green, 322 S. Addison Street, Indianapolis, Indiana.

There is hardly a neighborhood in this country, wherein some woman has not found health by using this good old-fashioned root and herb remedy.

If there is anything about which you would like special advice, write to the Lydia E. Pinkham Medicine Co., Lynn, Mass.

WITH MCGRAW'S AID MERKLE LIVED DOWN FAMOUS MISDEED

Giant's Former First Baseman Became Great Player in Spite of the Jeers of the Fans.

In the recent trade which sent Fred Merkle, veteran first baseman of the Giants, to the Brooklyn club in exchange for Catcher Lew McCarthy, nothing stands out more prominently than the perseverance of John McGraw, manager of the Giants, in making a ball player of Merkle after the latter had made his famous bonehead play of September 23, 1908. It was on that fatal day that Merkle failed to "touch second."

Merkle, hooted and hissed by the fans, derided by sport writers and twitted by rival players, but all the time patted on the back by John McGraw, has held his head up all these eight years and has proved to the world that he is a real ball player in spite of his lapse of memory which gave Chicago the National league championship. McGraw's faith in his young first baseman is entirely responsible for the fact that Merkle still is a big league ball player.

Not only has McGraw stuck to Merkle in spite of his failure to touch second, but after the 1912 world's series, when Boston won from the Giants through Merkle's failure to catch an easy foul fly, McGraw again stood by and insisted Merkle was good enough



Fred Merkle.

for him. Fans have howled and laughed at Merkle for those two plays, but always McGraw has stood pat.

Merkle has vindicated the judgment of his former chief. When he perpetrated the first of his famous bad plays he was only a youngster and McGraw knew that censure probably would wreck whatever chance there was for Merkle to show any class as a first baseman.

So, instead of harsh words, Merkle was given encouragement. At every slip McGraw was ready to pat the youngster on the back and urge him on in his effort to live down the miscue. And Merkle did it.

The work of this first sacker has been a prominent feature of every one of McGraw's drives pennantward. Merkle has been a heavy, consistent batter and a heady, dependable fielder in nearly every emergency. His slips have been no more than players considered wonderful have made, but they have come at a time when they stood out. No one ever has taken the trouble to proclaim his brilliant feats under the same pressure, so he has been called a "bonehead."

Merkle has slipped in his hitting this year, but the averages, for the long number of years he has been a major leaguer, show he has batted consistently around the .300 mark. Last year he hit just one point below that mark, and his fielding average was .989.

Pretty fair for a man called a bonehead by the critical public.

Some Things That Are New.

A novel fan that resembles the familiar electric fan is driven by a hot-air engine in its base, gas or denatured alcohol being the fuel used.

A centrifugal pump directly connected with an electric motor that runs equally well either in or out of water has been invented by an Englishman.

The capacity of a clothesline is doubled by a new device that straddles the line and provides two pieces of wire to which clothes can be fastened.

A cheap imitation of tin foil is made in Germany by coating paper with a mixture of finely-powdered metal and resin and subjecting it to friction.

A noiseless bowling alley is the invention of a Parisian, the clash of falling pins being silenced.

Waterproof electric flashlights to be attached to life preservers for night use are a recent invention.

Harness to suspend a basket from a fruit picker's shoulders and leave both hands free has been invented.

A Frenchman has mounted a bicycle frame on a sled to drive it over ice or snow with an aerial propeller.

Trampoms can be raised and lowered like a window shade with a device an Oregon inventor has patented.

W. L. DOUGLAS

"THE SHOE THAT HOLDS ITS SHAPE"
\$3.00 \$3.50 \$4.00 \$4.50 & \$5.00 PER PAIR.

Save Money by Wearing W. L. Douglas shoes. For sale by over 9000 shoe dealers. The Best Known Shoes in the World.

W. L. Douglas name and the retail price is stamped on the bottom of all shoes at the factory. The value is guaranteed and the wearer protected against high prices for inferior shoes. The retail prices are the same everywhere. They cost no more in San Francisco than they do in New York. They are always worth the price paid for them.

The quality of W. L. Douglas product is guaranteed by more than 40 years experience in making fine shoes. The smart styles are the leaders in the Fashion Centres of America. They are made in a well-equipped factory at Brockton, Mass., by the highest paid, skilled shoemakers, under the direction and supervision of experienced men, all working with an honest determination to make the best shoes for the price that money can buy.

Ask your shoe dealer for W. L. Douglas shoes. If he cannot supply you with the kind you want, take no other make. Write for interesting booklet explaining how to get shoes of the highest standard of quality for the price, by return mail, postage free.

LOOK FOR W. L. Douglas name and the retail price stamped on the bottom.



It Swings Clear of the Mire. The supreme court is a great conservative force and the judicial ermine seems to be about the only thing of the kind that isn't from 12 to 15 inches shorter in the skirt than it used to be.—Ohio State Journal.

Starvation Diet.
First Mote—Why so thin and emaciated this spring, brother?
Second Ditto—I was shut up all winter with a young lady's bathing suit. Not another bite to eat in the closet!—Punch Bowl.

That's So.
A disgruntled telephone subscriber would never make a good fisherman. "Why not?"
"Because he would complain instinctively if he found his line was busy."—Baltimore American.

Lets Georgians Do It.
Mrs. Eze—I make it a rule never to ask another to do what I would not do myself.
Mrs. Wye—But you would not go to the door yourself and tell a caller you were not at home.—Boston Transcript.

Boys' Shoes
Best in the World
\$3.00 \$2.50 & \$2.00
W. L. Douglas Shoe Co., Brockton, Mass.

TREES SHIPPED ANYWHERE—FREIGHT PAID

Small orders as well as big. Ornamentals, Fruit Trees, Etc. all guaranteed. Fourteenth Year. Fifteen Thousand Orders Last Year.

Shipped Everywhere, Free Water. WASHINGTON NURSERY CO., Topsham, Wash.

Progressive Farmer,

Listen to this argument:

If you want all the money you can possibly get for your Cream, Eggs, Dressed Meats and Poultry, ship where they pay according to grade. We started this plan and find that the producer likes this method. Let us have your next shipment and see for yourself.

HAZELWOOD CO.
PORTLAND, OR.

Crude Musical Sense.
"That boy of yours is constantly whistling."
"Yes. He carries a tune much better than his sister, who is learning to play the piano, and doesn't cost me a cent for lessons."—Washington Star.

To Be Expected.
"What did you get for your birthday, little girl?"
"I got candy."
"What else did you get?"
"I got sick."—Baltimore American.

For any sore use Hanford's Balsam. Adv.

Indirectly.
"Do you ever wake yourself up snoring?"
"It amounts to that. I frequently wake up the baby."—Boston Transcript.

To cool a burn apply Hanford's Balsam. Adv.

Resources.
"Kitty is such a resourceful girl."
"Is she?"
"Why, the other day when she'd left her reticule at home she powdered her nose with a marshmallow."—Boston Transcript.

Have Hanford's Balsam on hand for accidents. Adv.

At Last.
Grubbs—Binks says that at last he is the undisputed master of his house.
Stubbs—He is, too. His wife and family are away on a visit and the cook has quit.—Richmond Times-Dispatch.

Every Household Needs It.
For cuts, burns, sprains and bruises Hanford's Balsam of Myrrh should give quick relief. These may happen any day in any home and the prudent housewife will always keep a bottle on hand. Adv.

Cause and Effect.
"It is said that the taste for frog-eating is increasing in this country."
"Maybe that is the reason why so many people are croaking."—Baltimore American.

Getting the Story.
"My father enjoys the movie."
"Thought his eyesight was getting poor."
"He can follow the piano perfectly."—Louisville Courier-Journal.

All Growing Children

are dependent on nourishment for growth. Their health as men and women is largely established in childhood.

If your child is languid, moody, tired when rising, without ambition or rosy cheeks, Scott's Emulsion is a wonderful help. It possesses nature's grandest body-building food so delicately palatable that the greediest child will eat it and carries it to every organ and tissue and there.

First it increases their appetite, then it adds flesh—strengthens the bones—stretches their sinews, adds to their health.

It is also or curative in Scott's Emulsion, but pure and strength.

