

Best Water Power in World

New England became the manufacturing section of the United States in the earlier days because in them was the greatest and most easily controlled water power. Cheap power is a necessary adjunct to cheap manufacturing, and hence until recently the factories of all kinds were located wherever possible near some stream where water power was available. This was the foundation on which many cities were built, and of these the city of Spokane is a notable recent example. However, since man has harnessed the lightning and has learned how to turn power into electricity and this into power, all this is changed. Before the electric age, Mahomet, so to speak, had to go to the mountains, but now he bids the mountain come, and it obeys. Still, cheap power, no matter where it may be finally used, is dependent, as it always has been, on water and gravitation. In this respect Oregon is far in the lead of her sister states, for her waterpower is perhaps double that of any of them.

A Great Reservoir.
It has been variously estimated at from 3,000,000 to 6,000,000 horse-power, and even the latter figure is perhaps conservative. The Cascade mountains in Oregon constitute the greatest natural reservoir in the world measured from a power-producing standpoint. It is conservatively estimated that

the portion of this range in the state, some 250 miles long, carries a rainfall, or its equivalent in snow, on what would equal a table land at an elevation of 2000 feet and 20 miles wide. This rainfall amounts to above 40 inches yearly, and is stored away by the beneficent Dame Nature, who brings it, or most of it, along the Japan gulf stream from the Indian ocean, and does not charge a cent for it.

This would equal a lake 250 miles long 20 miles wide with a depth of nearly three and a half feet. This, like the term billion, is so vast the mind cannot grasp it unless it is put in some tangible shape. A forty-inch rainfall means a little more than 200 pounds of water on every square foot of surface. This would mean a little more than 25 tons of water on each square rod; 4000 tons to each acre, 2,500,000 tons on each square mile, and the reservoir 250 by 20 miles would contain 5000 square miles. Multiply 2,500,000 by 2000 and you will get the amount of water stored annually in the Cascade range at an estimated height of 2000 feet. Cut the altitude in half and estimate the horsepower developed by this weight dropping 1000 feet and you will begin to understand the immensity of Oregon's waterpower.

This, however, only takes into account the Cascades, but add to these the Siskiyou, a hundred miles long and

almost as high; the Blue mountains, Coast range, and others, and the power seems limitless. It will furnish light, heat and power for the teeming millions of the west, in the centuries to come, when the vast coalfields are exhausted and the oil wells are but a memory.

Power at Salem.

This is mentioned only by way of showing the waterpower easily available at Salem. The Santiam, that can be reached in 17 miles, flows from the heart of the Cascades, the center of this great reservoir. Its waters are cheaply controlled and it is estimated to be easily capable of furnishing from 100,000 horsepower to double that. Besides this there are dozens of other sources of power easily available though none so large. Much of the power now used in the city comes from Silver creek, a comparatively small mountain stream, distant some 25 miles. In the first great requisite, power, it is seen Salem is abundantly supplied.

The next necessary adjunct to cheap manufacturing is transportation, and here again Salem can stand the test. With two railroads passing through from Portland south, one to San Francisco, one to the east connecting with branch lines and another to the west tapping the great timber belt of the coast range, and which will eventually find terminals on the coast, there is every facility for gathering here the raw material, as well as the shipping of the manufactured products. Added to this is a fine line of steamers on the Willamette river, furnishing the very

The Birds' Yuletide Gift.
The Christmas feeding of the birds is prevalent in many of the provinces of Norway and Sweden. Bunches of oats are placed on the roofs of houses, on trees and fences, for them to feed upon. Every poor man and every head of a family saves a penny or two to buy a bunch of oats for the birds to have their Christmas. It is a beautiful custom and one that might well be adopted in other countries.

Christmas on the Ocean.

Notices are posted in the first class compartments of the Atlantic liners that the stewardesses have addressed dolls in their charge for distribution among the poor children of London at Christmas. Passengers are invited to dress the dolls on the voyage, and the materials can be purchased on board.

cheapest transportation to the metropolis of the state, besides putting the city in touch with the rich country to the south.

Here are the two principle necessities for manufacturing—power and transportation. As to the industries that are carried on here, they will be found mentioned elsewhere. It might be properly added here that the climate, owing to the small range of temperature, from about 20 degrees above zero to 100, and seldom higher than 90, is especially well adapted for all kinds of factory work.

To Make Starch

Among the things needed in this section is a starch factory. It is needed in our business for the payroll it will provide, but it is needed far more as a means for utilizing what is now largely a waste product. Oregon is the home of the potato; it is almost indigenous and yielding prodigiously. The market is easily overstocked, and many seasons the crop will hardly pay for digging and marketing. Even with the markets good, there is always the small potatoes, the culls, to be practically wasted. Some are fed to the hogs; all should be unless some other use can be found for them, but heretofore this has not been done because the hogs were not available. This condition will be changed and bettered before long; but even with this change there is always a big waste of potatoes. In an off year for markets, a starch factory would be of untold benefit; and there is no reason why Salem should not be the location of the plant. Oregon now gets its starch supply largely from Iowa—and throws tons of it away in its surplus, or cull potatoes. "Made in Oregon" starch should be one of those things we should demand, and this without having to pause at a given moment, on a fixed day to demand of ourselves that we demand it.

Business Even at Christmas.

She was a sentimental young girl and had devoted much time and tender thought to the home decorations for Christmas. Her surprise may be imagined when she came downstairs one morning and found the decorations moved around. The mistletoe boughs that had been half hidden in secluded places had been substituted for the holly wreaths and were hanging in the front windows in plain view of passersby.

"Says, sister," explained her little brother, "you've had that mistletoe hanging up for nearly a week and you haven't had a single customer. You're not up to date. What you want to do is to advertise."—Judge.

Where Santa First Appeared.

It was in New York, or, rather, New Amsterdam, that Santa Claus made his first American appearance in something like the garb and manner now familiar to all of us. From the Netherlands the Knickerbockers brought with them the Christmas of love and sympathy in religion of comradeship among neighbors and of festivity in the family.

GOOD BUYS IN REAL ESTATE

1900 acre farm, 900 acres under cultivation, balance timber and pasture; good buildings, 4 miles from good railroad town. This is a fine stock or dairy farm. Price \$65 per acre. Terms.

275 acre farm, 125 acres in cultivation, balance timber and pasture. Running water. Located 3 miles from Salem. Will consider part trade. Price \$65 per acre.

152 acre farm, 80 acres under cultivation, balance timber and pasture. Fair house, barn, some fruit. 9 1/2 miles from Salem. Price \$65 per acre.

95 acre farm, 50 acres under cultivation, balance timber and pasture. Fine spring, good house and fair barn; water piped to barn. Macadam road, 4 miles from Salem. Price \$150 per acre.

88 acres of good grain or orchard land, 70 acres under cultivation, balance timber; 7 miles from Salem. Price \$85 per acre. Terms.

25 acre dairy farm, all under cultivation, some orchard, good house, barn, macadam road, 4 miles from Salem. Price \$5000.

22 acre tract, 12 acres under cultivation, balance timber and pasture, 6 acres set to Italian prune orchard. Good six room house, barn and other out-buildings, macadam road. All stock and implements goes with place. Price \$5,800.

30 acres of fine class grain or orchard land, 25 acres under cultivation, balance timber. 7 miles from Salem. Price \$2,700. \$500 down, balance \$300 per year, 6 per cent.

20 acres of bearing Italian Prune orchard, macadam road, 7 miles from Salem. Price \$5000.

10 acres of good land all under cultivation, small house, barn, well, some fruit, good road. Price \$2,500.

5 acre tract, all under cultivation, 4 miles out. Price \$750. \$25 down, balance \$5 per month, 6 per cent interest.

Acres tracts all in bearing orchard, located just outside of the city limits, slightly location. Price \$800 per acre, \$25 down, balance \$5 per month, 6 per cent interest.

Well improved five acre tract just outside of the city limits, good five room bungalow, barn, chicken house, plenty fruit, 4 blocks from car-line. Price \$5000.

10 acre tracts all under cultivation, good black loam soil, 5 miles from good railroad town. Price \$100 per acre, \$10 per acre down, balance \$1 per acre per month, 6 per cent interest.

250 acres of land in Kit Carson county, Colorado, to trade for Willamette Valley property. What have you?

5 room house, bath, inlet electric lights, large barn, well and windmill, east front lot, size 75x150 feet, close to school carline and twelve blocks from Bush bank corner. Price \$1,500, \$700 down, balance 7 per cent interest.

If you want to buy, trade or sell, see us.

W. H. Grahenorst & Co.
ROOM 2, BUSH BANK BUILDING
SALEM, OREGON.



Christmas Ideas.

Christmas will be worthily kept by us in proportion as our hearts glow with Christlike feelings. Estrangements should melt in the warmth of Christmas gratitude to God. Let it be a sweet, forgiving time—a time for the doing of blessed charities.

Because Christmas stands for the child, as the father of the man, and for the cradle, as the one point where futurity is vulnerable, it will yet usher in the golden age. To produce an ideal world we need only one thing—a Christmas that lasts all the year.

If Christ had never been born there would have been no Christmas, and where now is holy light would abide a great shadow, and where now to sweet and sacred joy would be sadness and tears. If Christ had never been born the world would have bereft itself of the love and the light of God.

The birth of Jesus means the establishment of the reign of justice and conscience, and you and I cannot realize the benefits of this divine season until we have become like little children in humility and gentleness and received the will and the love of God as they have been made known to us in the Master's gospel.

Christ must be born in each heart in order that we may have a true Christmas. Are we rejoicing in the gifts of human love? Shall we be unmindful of Him who is the "unspeakable gift"? Turn not the Christ of God away from the heart's inn; banish Him not to the manger. Heaven's gift is now offered without money and without price. Receive Him with glad welcome.

Christmas to every one's day. Childhood can have no monopoly of it, though the child life inspired it. Christians are not its sole possessors, while they are its only true interpreters. Youth cannot claim the whole of it even while its exuberance gives it its chief natural emphasis. There are currents beneath the surface motion into which the plummet meditation must plunge to note their existence and determine their direction.

Old Folks and Santa Claus.



"An' little folks can't find him,
'Cause they're always last asleep."

Old folks must see Santy Claus when stockin's are to fill,
For they keep the chimney corner, an' they're always dreamy still.

But Santy Claus don't mind 'em
If even a watch they keep,
An' little folks can't find him,
'Cause they're always last asleep.

I know the old folks see him an' like him mighty well,
An' why he doesn't mind 'em is—he knows they'll never tell.

But little folks dream of him
W'en bundled in a heap,
An' they hear him comin', comin',
Down the chimney in their sleep.

—Frank L. Stanton in Atlanta Constitution.

ANNA BELLE

and Her Two Dolls

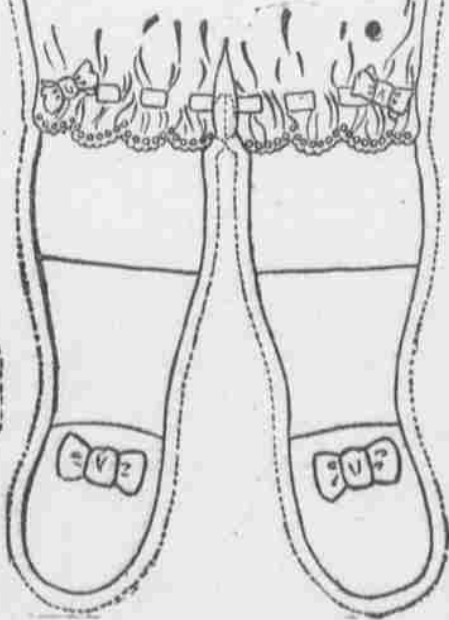
A Great Big Beautiful Doll and 2 smaller dressed dollies for every boy and girl in the city. Hurry and get yours!



These 3 dollies are beautifully printed on one large piece of muslin all ready to cut out and stuff. They have golden hair, big brown eyes and are very life-like indeed.



ACTUAL HEIGHT, 7 1/2 INCHES



ACTUAL HEIGHT, 25 INCHES

Bigger Than a Baby



ACTUAL HEIGHT, 7 1/2 INCHES

HOW TO OBTAIN ANNA BELLE DOLLS

The Daily Capital Journal is going to give away several hundred of these Anna Belle dolls, as follows: All who pay three months' subscription, old or new, back subscription or in advance, in case their paper is delivered by carrier, will receive one of these dolls free. All mail subscribers, old or new, who pay six months' subscription, \$1.50, will also be entitled to a doll without extra charge.

HUIE WING SANG CO.

CHINESE AND JAPANESE HOLIDAY GOODS

Imported Silks and Oriental Novelties.
Everything on sale at reduced prices.

Wrappers, Kimonos, Waists, House Dresses, Men's and Children's Suits, Pants, Ladies' and Gents' Underwear, Overshirts, Sweaters, Ladies' and Girls' Fancy Dresses, Fancy Neckwear, Ladies' and Gents' Hose, Embroidery, Lace, Silk.

291 NORTH COMMERCIAL STREET