FAIR WILL BLAZE WITH

EXPOSITION WILL HAVE MORE ELECTRIC LAMPS THAN WHOLE CITY OF PORTLAND

Coney Island can imagine the ap- the dome and corona alone. pearance of the Fair as it will be at night.

On each corner pedestal of the railing One hundred thousand electric lamps will which surrounds the Sunken Gardens and will be a large post electroller of 27 meri- known far and wide for its delicate fiswhich will be visible for a radius of dian lamps of 50-candlepower each, de- vor. and it was always in prime favor

A NY man who has seen Dreamland at with lamps, of which 1860 will be used on worthless now bring their owners an anand thousands of other acres have been bought for syster cultural purposes, and make the whole of the grounds light as on each of those at the head of the broad are being developed as rapidly as possible.

For years the native opster has been



with lights, every boulevard and avenue

will be lined with them, they will blaze of the Grand Staircase, are 16 pedestals, from the Trail and from the Bridge of which will have similar lamps, and still Nations, easting their reflection on the water, and will twinkle among the foliage of Centennial Park. They will shine through the water which shoots up from

HOW HOPGROWERS MAKE MONEY IN OREGON. siment per acre-Clearing and preparing for .\$84.00 850 pounds, at 25 cents price, average)......

gon, September..... age profit for ten years, acre the many fountains and pours over the cascades. The buildings themselves will be closed at 6 o'clock in the evening, but the illumination of their exterior and of the grounds and the shows on the Trail and the Bridge will furnish ample attraction for the merrymakers and sightseers. On entering one will see first the Public Shelter, like a giant, luminous umbrella; Administration Buildings outlined with 1800 lamps. Pacific Court will have large pillars of light, and to the left the Oregon Building and in front, for the whole length of Lewis and Clark boulevard, the main fronts of the main exhibit buildings will shine forth outlined in light, The great arches of the entrances, the cornice and apex of the roof of each build-

ing will be defined with myriad lamps.

Streams of light will flow down every

the huge dome of the Agricultral Building.

ge price for ten years-on, September

Every building will be outlined | signed to give a spray, effect. Around the railing of Lakoview Terrace, at the head which will have similar lamps, and still others will stand on the pedestals in the balustrade of the staircase.

From the terrace there will be a fine perspective view of the Government buildings across the lake, which will have ines and those of the col their outlines and those of the colonnades brilliantly marked out with 8000 lamps, while light will flash through the foun-tains at each corner of the main building and post electrollers will shed a blaze over the garden in front of it and along Roosevit boulevard and the road to the Life-Saving Station. From the same point hosts of lights will be seen shining from the concession buildings of the Trail and the concession buildings of the Trail and 10.000 lights will be reflected in the water from the Bridge, outlining not only its course, but each one of its arches.

From the Government buildings an equally fine perspective will be afforded of the lake, the line of Gray boulevard.

marked by post electrollers and the spray lights which will trace the course of the Grand Stairway and Lakeview Terrace. Thence the gaze will climb to the blazing outlines of the main buildings, the fountains of light shining along the Sunken Gardens and the 7000 lamps twinkling like fireflies amid the trees and shrubs of the

fireflies amid the trees and shrubs of the park on the right.

The lighting of the Fair, which has been designed and is being executed by James R. Thompson, the electrical engineer of the corporation, will be one of its most striking and beautiful features, and will be an electrical exhibit in itself. His extent may be conceived from there being more electric lamps at the Fair than in the while city of Portland. There are 250 miles of wire, 15 pairs of wires being carried across the bridge under the floor, and 150 transformers are used. The lighting alone will absorb 5000 of the 10,000 horse-power generated at the North Portland power generated at the North Portland electric plant, and the remainder as well as the current generated by two steam turbless of 2000 horse-power, which are to be added to the plant, will be used for power at the Fair.

Oyster Culture

Transplanted From East-Divide FavorWith Natives

O Washington has been developed during the past few years with wonderful tower and turret and mark every rib in strides until it has become one of the important industries of the Northwest. The corona on its apex, even to the ball Hundreds of acres of tide lands that a



Ornament on side of Main Arch Eu-

greater, now attaches to the Eastern oyster transplanted to the bays of Oregon and Washington, often called the "improved" Blue Point. The increase in the consumption of these oysters within the past few years is phenomenal. They are commonly known as Toke Points, though the fancy grades have special names.

They have a distribution, in the shell, from Victoria to San Diego, and from San Francisco to Denver, while the frozen oysters, packed in the square panel cans, Hawaiian Islands, Japan, China and the

The transplanted Eastern oyster industry has been farthest developed upon Willapa harbor, or Shoalwater Bay, though to a limited extent upon Puget Sound and in Yaquina Bay. The daily output from Tokeland now amounts to fully \$400, and shipments are made from other points to the extent of about \$300 per day. When

TELL YOUR FRIENDS

-TO USE THE-

Yellowstone Park Line

Lewis and Clark Exposition







WILL MAKE VERY LOW RATES

THE ACME OF TRAVEL COMFORT IS FOUND ON ITS

3-DAILY TRANSCONTINENTAL TRAINS-

Send four cents for Lewis and Clark Booklet, Or, for Yellowstone Park Literature write to

A. M. CLELAND. G. P. A., ST. PAUL, MINN. A. G. P. A., PORTLAND, OR.

A. D. CHARLTON,

Notwithstanding the increase in the output of Eastern oysters, the small Pacific Coast oyster is still in high favor, and the demand for it is constantly increasing. Recent statistics give Willapa Bay a production in natives of \$89,000 annually, while the output from Puget Sound is about \$170,000. Shipments aggregating over \$1800 weekly are going out regularly from Willapa Bay, while from Yaquina Bay, Oregon, are sent what many judge to be the best flavored of the native oysters, and the output of that harbor is eagerly sought by caterers all, over the eagerly sought by caterers all, over the Coast.

all is not sunshine. A crop is not produced without many days and nights of fear and trembling. When Winter weather sets in and the southerly gales begin to how!, many thousands of dollars of seed oysters are often "washed" and serviced within a few hours and numerous

maturity, the business will be quite ex-tensive.

Notwithstanding the increase in the out-city and enterprise.

Ontario Needs Woolen Mill.

Ontario Argus. It seems to us that a woolen plant and scouring plant in Ontario would pay. In shipping wool the freight is enormous, as freight is paid on from 60 to 75 per cent of the refuse. Even though the cost of scouring here would be a little more than in the East it would be saved in freight if we had no mill for manufacturing cloth. It is reasonable to suppose that the wool could be cleaned and made into cloth at least nearly as cheaply as in the East. Such an enterprise would fear and trembling. When Winter weather sets in and the southerly gales begin to how!, many thousands of dollars of seed oysters are often "washed" and sanded within a few hours, and numerous small craft swept out to sea and lost. Fortunately, the balance is generally in the oysterman's favor, with the result that many thriving concerns are engaged.

In the sant. Such an enterprise would is well able return and at the same time perbutate the crop. This is the principle back of the forest movement in the United Statets annually destroyed able return and at the same time perbutate the crop. This is the principle back of the forest movement in the United Statets annually destroyed to the same time perbutate the crop. This is the principle back of the forest movement in the United Statets annually destroyed to the same time perbutate the crop. This is the principle back of the forest movement in the United Statets annually destroyed to the same time perbutate the crop. This is the principle back of the forest movement in the United Statets, and it is to apread this stroy from 125,000,000 to 150,000,000 worth of property was destroyed able return and at the same time perbutate the crop. This is the principle back of the forest movement in the United Statets, and it is to spread this stroy from 125,000,000 to 150,000,000 worth of property was destroyed able return and at the same time perbutate the crop. This is the principle back of the forest movement in the United Statets annually destroyed the products of the same time perbutate the crop. This is the principle back of the forest movement in the United Statets annually destroyed and at the same time perbutate the crop. This is the principle back of the forest movement in the United Statets annually destroyed the products of the principle fire and the return and at the same time perbutate the crop. This is the principle fire and the principle fire and the principle fire and the principle fire and the same time perbutate the crop. This is the principle fire and the

for at home. We would like to have the opinion of men acquainted with the lesson that certain European nations scouring and manufacturing business.

The Forestry Movement.

Review of Reviews.

The basic principle of forestry is to get the greatest possible use out of the forest. It is opposed to the old idea of jum-bering by cutting the forest clean, leaving behind a mass of debris, for fire to complete the destruction. It is also op-posed to the sentimental notion that the previous forest meetings of a National previous forest meetings of a National character should be retained as a thing of beauty and is best treated when left alone. The forester contemplates the forest as a crop just as the farmer does his wheat and corn, to be harvested when ripe, but in such a way as to get a profitable return and at the same time perpetuate the crop. This is the principle back of the forest movement in the United States, and it is to spread this idea, particularly among those persons

took to heart several centuries ago in connection with their forests, which they turned from threatened destruction into a national asset, while still older counappearing forests and became arid and fruitless.

It is to teach the people to take home to themselves that part that the forest plays in their daily lives that this and previous forest meetings of a National

OPERATES OVER 110 MILES OF TRACK. FULL EQUIPMENT, 275 CARS

This Company furnishes transportation to all sections of the city and suburbs; also to Vancouver, Wash., via steam ferry crossing Columbia River.

The consolidation of the properties of the Portland Railway Company and the City & Suburban Railway Company, which was consummated in November, 1904, brought together in one street railway system properties which had originally been owned by nine different companies, which had in turn passed through various forms of reorganization until finally the consolidation of the two companies brought them under a single management.

During the past two years the two companies have been doing a large amount of heavy trackwork, until the main business streets of the city are practically furnished with new tracks, built of heavy grooved rails, weighing from 85 to 91 pounds to the yard, laid on a solid concrete foundation, and paved with stone blocks, thoroughly grouted in; a form of construction, both in style and workmanship which is second to none in the whole country.

The Consolidated Company will follow the practice of the two companies from which it was formed, and continue to build its own cars and trucks. The cars which have been manufactured in this city have been a surprise to all visitors, both in quality of workmanship and finish, and in the beauty and utility of the design.

During the past few years the consolidated system has had nearly half a million dollars per year expended on improvements and extensions to its track and on new equipment, with the result that Portland has a street-car system which compares favorably with that of any other city of 150,000 in-

During the year 1905 it is planned to expend about the same amount on betterments to roadway. and rolling stock.

PORTLAND HEIGHTS LINE

During the past year the new line to Portland Heights was opened, succeeding to the former cable line to the same place, and now new, modern electric cars are operated from the business center of the city to an elevation of nearly 800 feet above the harbor. From numerous points on this line unrivalled views can be obtained of the City of Portland, the harbor and bridges, and also the adjoining country and the Columbia River, while in the distance may be seen the whole of the Cascade Range, with the perpetual snow-capped peaks of Mount Hood, Mount Adams, Mount St. Helens and Mount Rainier towering over a mile above the summit of the main range. This view is unsurpassed for beauty and variety, and when once seen will never be forgotten.-

> TRIPS OF INTEREST OVER THE LINES OF THE CONSOLIDATED COMPANY ARE AS FOLLOWS:

CEDAR PARK AND DRYDOCK AT ST. JOHNS. CITY PARK. LEWIS & CLARK FAIR GROUNDS. WILLAMETTE HEIGHTS.

MOUNT TABOR. RIVERVIEW CEMETERY. COLUMBIA RIVER BEACH. VANCOUVER BARRACKS

The service given is from three to 20-minute headway on all lines excepting that to the Columbia River and St. Johns. One FIVE CENT FARE to all points, excepting Columbia River and Vancouver.

OBSERVATION CAR for Tourists also operated during the Summer months. Cars modern and commodious. Cars can be chartered for trolley and other special parties.

GENERAL OFFICES-MOHAWK BUILDING, Third and Morrison Sts., Portland, Oregon



T Wild, utilize any fall of water from three feet up for the purpose of rais-ing a portion of the same to any desired level. It is a perfect substitute of water-wheel and pump combinwheel and pump combined with greater efficiency and is far more economical in first far more economical in first cost. It requires no atten-tion and involves no cost of

ESTIMATES FURNISHED FOR MUNICIPAL WATERWORKS WHERE PALL OF WATER IS AVAILABLE.