JONES FILES REPORT OF BLIND SCHOOL

G. W. Jones, superintendent of the Oregon Institute for the Blind, has filed his biennial report to the state board of education, as follows in part:

The Oregon Institute for the blind is a school of learning established by an act of the legislature for the special benefit of the blind youth of the state. It is not, as some suppose, a home or an asylum for the blind people, nor a hospital for the treatment of diseases of the eye. It is strictly educational in its interests. The aim and purpose of the school is to give facilities to the blind for obtaining an education equal to those furnished seeing children in the best public schools. Also to provide the means of acquiring a knowledge of music and such instruction in industrial pursuits as will aid them to become independent and useful children.

During 1903 there were 41 pupils enrolled, and the average daily attendance exceeded 30. In 1904, 35 were enrolled and the average has been nearly 30. The average daily attendance, therefore, has not been far from 30 for the biennial term of 1903-1904.

This is the smallest school in the United States devoted exclusively to the education of the blind. Other states with a population the size of Oregon have very unwisely placed the blind and deaf together, but have thereby lessened materially the cost of their education. One hundred can be maintained in a school almost as cheaply as 50. However, with the small number in our school the cost per capita under the present management has not been excessive. The average cost has been about $250 per pupil, based upon the actual average daily attendance. The average per capita cost of 16 of the 38 schools in this country, according to the last report of the commissioner of education, is $272.

The appropriation for 1903-04 aggregated $17,000. Of this sum $15,500 was for general maintenance and $1500 for improvements and repairs. There is a surplus left in the maintenance fund, but the growth of the school will no doubt require the same amount for the next biennial term. The improvements necessary are not so great as two years ago, and $1000 will no doubt be sufficient for this purpose. The total appropriation therefore should be $16,500.

LARGEST WATER WHEEL IN THE WORLD

At a point on the St. Maurice river, some 84 miles to the northeast of Montreal, are located the beautiful cascades to which the Indians, seeing in them a resemblance to the glittering bead and quill work of the people, have given the name of "Shawinigan." The total descent of the water is 140 feet, and the site forms one of those ideal spots for hydraulic development, of which nature has made such abundant provision in North America. As if to render the task an inviting one to the locating engineer, nature has provided in the river just above the cascades a broad bay or upper lake and just below the cascades, which turn through an angle of about 90 degrees, there is a second or lower lake. The bend in the river brings the upper and lower water levels within a short distance of each other, thus inviting the location of a power house at the bottom of the slope. From the south end of the upper lake or forebay, a canal 20 feet deep and 1000 feet long leads to a point where the ground begins to fall through a vertical height of 140 feet in a horizontal distance of 500 feet. Here the canal is closed by a concrete wall, which is pierced by six outlets for as many penstocks, each 9 feet in diameter. Provision is made for such further extension of the wall and addition of the penstocks as future developments may call for. At present three penstocks are in position carrying water to as many turbine wheels in the power house on the shore of the lower lake. Each penstock supplies a 6000 horse power, horizontal shaft turbine, direct connected to a 3750 kilowatt revolving field generator, giving a quarter phase 2200 volt 25 cycle current. The wheels run at 180 revolutions per minute, and provision is made for a 2½ per cent loss in the generators and a 15 per cent overload.

At the present time the capacity of the station is being enlarged by the addition of a fourth turbine, which is now being installed by the I. P. Morris company of Philadelphia. This turbine is the largest which has ever been constructed. It has a capacity of 10,500 horse power. The water enters the turbine through the intake, 10 feet in diameter, at the bottom of the turbine. It flows around and fills the outer special tube, and then passes in radially through two large draft bends, one on either side. In these bends are situated the bearings for the shaft. The diameter of the intake is 10 feet in diameter, and the sectional area gradually diminishes as the water passes around the tube, the diminution being proportionate to the amount of water that flows in through the wheel as its circumference is traversed.

The dimensions of this vast machine are: It is 30 feet from base to top; 22 feet wide over all, and 27 feet from the center to center of the two shaft bearings. Its total weight is 364,000 pounds. The shaft, which is of forged steel, is solid and weighs 10 tons. It is 32 feet 3½ inches long, 22 inches in diameter at the center, and tapers to 16 inches on the generator side and 10 inches diameter on the other side. The runner or wheel, which is the rotating part of the turbine, is of bronze and weighs five tons. The quantity of water used when the turbine is operating under full load is enormous, no less than 400,000 gallons passing through per minute. Just what this figure amounts to will be understood when we state that it represents a river 100 feet wide, 9 feet deep, and owing at the rate of 60 feet per minute. In spite of its size, this huge machine was built in no less than five months, the contract being signed May 19, 1904, and completed October 2 of the same year.

The present output of power from the Shawinigan station is 22,500 horse power, and of this about 10,000 horse power is transmitted 84 miles over long-distance lines to the city of Montreal, where it is used for street railway, electric lighting and general power purposes. The remainder is taken by local users for similar purposes and for electrolytic processes. The current is stepped up at Shawinigan from 2200 volt quarter-phase to 50,000 volt three-phase. The transformers were so designed that they may, if desired, be operated at 56,000 volts pressure. It is a fact worth noting that the wilderness of five years ago in the neighborhood of the falls has been transformed into the substantial city of 5000 inhabitants of today.

Working on Eugene Theatre.

At last, after many weeks of waiting, work has been commenced on the building which is to be occupied by Fred T. Merrill's vaudeville theatre in Eugene. George Midgley is having the building constructed and L. N. Roney has the contract. The contractors have started the excavation, and the work is to be rushed and the theatre finished as soon as possible.

CATARRH OF THE STOMACH.

A Pleasant, Simple, but Safe and Effectual Cure for It.

Catarrh of the stomach has long been considered the next thing to incurable. The usual symptoms are a full or bloating sensation after eating, accompanied sometimes with sour or watery risings, a formation of gases, causing pressure on the heart and lungs and difficult breathing, headaches, fickle appetite, nervousness and a general played out, languid feeling.

There is often a foul taste in the mouth, coated tongue and if the interior of the stomach could be seen it would show a slimy, inflated condition.

The cure for this common and obstinate trouble is found in a treatment which causes the food to be readily, thoroughly digested before it has time to ferment and irritate the delicate mucous surfaces of the stomach. To secure a prompt and healthy digestion is the one necessary thing to do and when normal digestion is secured the catarrhal condition will have disappeared.

According to Dr. Harlanson the safest and best treatment is to use after each meal a tablet, composed of Diastase, Aseptic Pepsin, a little Nux, Golden Seal and fruit acids. These tablets can now be found at all drug stores under the name of Stuart's Dyspepsia Tablets, and not being a patent medicine can be used with perfect safety and assurance that healthy appetite and thorough digestion will follow their regular use after meals.

Mr. R. S. Workman, Chicago, Ills., writes: "Catarrh is a local condition resulting from a neglected cold in the head, whereby the lining membrane of the nose becomes inflamed and the poisonous discharge therefrom passing backward into the throat reaches the stomach, this producing catarrh of the stomach. Medical authorities prescribed for me for three years for catarrh of the stomach without cure, but today I am the happiest of men after using only one box of Stuart's Dyspepsia Tablets. I cannot find appropriate words to express my good feeling. I have found flesh, appetite and sound rest from their use."

Stuart's Dyspepsia Tablets is the safest preparation as well as the simplest and most convenient remedy for any form of indigestion, catarrh of stomach, biliousness, sour stomach, heart burn and bloating after meals.

Kansas Farmers in Session.

Topeka, Kas., Jan. 11.—The capital has capitulated before an invading force of farmers who are here in large numbers in attendance on the annual meetings of their several state associations, including those of the stock breeders, swine breeders, bee keepers and poultry raisers. The annual session of the Kansas State Board of Agriculture, the most important meeting of the week, opened this afternoon. The initial session was devoted to the work of organization. This evening the visitors will be welcomed by Governor Hoch. Another speaker of the evening will be the Rev. Charles M. Sheldon. The business sessions of the board will begin tomorrow morning, and continue through Friday.

Minnesota Municipal League.

Minneapolis, Minn., Jan. 11.—The Minnesota Municipal and Commercial league began its annual convention today in this city. Nearly all the cities of the state are represented by their mayors or other officials. The convention will last two days. The most important topic to be considered is the best method of keeping books and records of municipalities. Other matters that will receive attention are railroad rates, public service corporations, municipal charters, health and sanitation, parks and playgrounds and taxes and insurance.

Racing on Ice Track.

Ottawa, Ont., Jan. 11.—One of the biggest ice race meets ever held in the dominion opened auspiciously here today, and will continue for the next five days. Many fast horses of both the United States and Canada are entered for the $8000 that has been hung up in prizes.

ANAEMIA

is thin blood. It causes pale faces, white lips, weak nerves and lack of vitality. A blood-enriching, fat producing food-medicine is needed. Scott's Emulsion goes to the root of the trouble, strengthens and enriches the blood, and builds up the entire system. For anaemic girls, thin boys, and enfeebled mothers, it is the standard remedy. It builds up and strengthens the entire system with wonderful rapidity.

We'll send you a sample free.
Scott & Bowne, 409 Pearl St., New York.

STATE NEWS

The Linn county school principals met and organized on Monday.

Automobiles will soon be carrying passengers and freight between Shaniko and Bend over the new road now being finished.

Dr. Jos. Meyers, of Albany, has been appointed county physician of Linn county.

Tacoma papers are already making arrangements for an annual rose fair.

F. Wooley, of Roseburg, has sued the Plaindealer for $10,000 for libel in charging him as a member of the school board in improperly handling the funds of the district.

The people of Haines, Union county, have signed a petition which will come before the legislature asking that the name of the town be changed from Haines to Hot Springs, owing to the fact that a large sanitarium will be erected there soon by capitalists near the springs.

A. L. Richardson, of La Grande, has just been elected a member of the state board of pension examiners for the district comprising Union, Wallowa and Baker counties to fill the vacancy caused by the removal of Dr. George L. Biggers, of La Grande.

The people of Union and vicinity are petitioning to have that county divided.

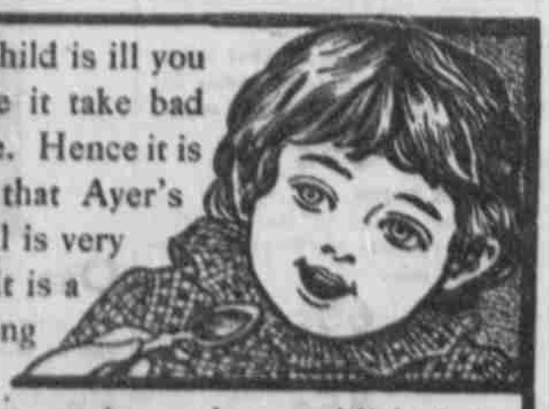
Contest of College Orators.

Chicago, Ill., Jan. 11.—The chosen orators of a number of leading colleges are here to compete this evening in the annual Hamilton oratorical contest. The contest is for the prize offered by the Hamilton club for the best oration on the general topic of "Hamilton, His Contemporaries or Events With Which He Had to Do." The institutions represented in the contest this year are Knox college and the universities of Chicago, Minnesota, Michigan and Iowa.

Dominion Parliament Meets.

Ottawa, Ont., Jan. 11.—Though several measures of importance are on the calendar for consideration and action the existing opinion in political circles is that the session of the Canadian parliament begun today will be short and devoid of unusual interest. Today was devoted to the swearing in of the members, to be followed by the election of a speaker. The speech from the throne will be delivered tomorrow.

When your child is ill you dislike to make it take bad tasting medicine. Hence it is well to know that Ayer's Cherry Pectoral is very pleasant. But it is a medicine, a strong medicine.



Time and time again we have published the formula of this cough medicine in the principal Medical Journals of this country and Europe, and have mailed it to nearly every physician in the United States.

So it follows that when your doctor orders it for coughs, colds, bronchitis, or consumption, he knows precisely what he is giving.

Physicians recommend their families to keep it on hand.

Made by the J. C. Ayer Co., Lowell, Mass.
Also manufacturers of
AYER'S HAIR VIGOR—For the hair. AYER'S PILLS—For constipation.
AYER'S SARSAPARILLA—For the blood. AYER'S AGUE CURE—For malaria and ague.

SOZODONT
BETTER THAN GOLD
for the teeth. It prevents decay. It hardens the gums and purifies the breath and mouth.
SAVES YOUR TEETH

A FULL STOCK

We now have a full stock of Hyacinths, Tulips, Crocus, Narcissus, Snow Drops, Jonquils and a nice assortment of Chinese Sacred Lilies. Would be pleased to have the public call and inspect our stock at

Savage & Fletcher
322-324 Commercial St.

That Wedding
Is Coming Off Soon

And you will be looking around for a nice gift. We have just the proper thing. A nice cut-glass bowl for $15 to $16, or a cut-glass nappie for $3 to $9.50. Carafes $4.50 and up.

Or perhaps you would like some nice solid silver teaspoons at $4 per set, or silver plated knives and forks, with our own brand as a guarantee for quality, at $4.50 per dozen pieces.

OUR PRICES ARE MARKED IN PLAIN FIGURES, AND DOWN TO THE LOWEST NOTCH.

Barr's Jewelry Store,
CORNER STATE AND LIBERTY STREETS.

Winter
Is Not Over

We will probably have some cold weather yet and you will need a heating stove. We have cut prices on every heating stove in the house. Call and examine them.

R. M. Wade & Co.

Advancing Their Interests

We endeavor to advance the business interests of our customers in every legitimate way. In doing so our motives may be somewhat tinctured with selfishness, for, upon the prosperity of its patrons hinges the success of every bank. In every department of banking the

Salem State Bank

is prepared to serve you in a satisfactory manner.

Wall Paper
Latest designs in stock, and good work guaranteed. We have the small store and small prices
E. L. Lemmon
299 Liberty St.
Phone 2475

ALL KINDS OF FRUIT TRAYS AND ORCHARD BOXES at the shop of
G. F. Mason
Miller street, South Salem
PHONE 2191 Red.

MADAME DEAN'S FRENCH FEMALE PILLS.
A Safe, Certain Relief for Suppressed Menstruation. NEVER KNOWN TO FAIL. Safe! Sure! Speedy! Satisfaction Guaranteed or Money Refunded. Sent prepaid for $1.00 per box. Will send them on trial, to be paid for when relieved. Samples Free. If your druggist does not have them send your orders to the
UNITED MEDICAL CO., BOX 74, LANCASTER, PA.
Sold in Salem by S. C. Stone.

FOR PAPA'S CHRISTMAS

there is nothing that will please him more than a well-filled buffet that will enable him to dispense "good cheer" to his friends, and to make his table bountiful and festive. We have the choicest table wines, champagnes, cordials, Cedar Brook whiskies at prices that will enable you to entertain to your heart's content.

E. Eckerlen
258 Commercial Street

HURRAH FOR THE NEW YEAR

And the shoes Jacob Vogt sells! Hopes of nice fitting shoes, stylish to the minute and priced reasonably are fulfilled every week day in the year in this shoe emporium. For comfort for elegance for long lasting qualities Vogt's shoes take rank second to none. We know your foot needs, and are ready to meet them to a nicety. Like to have your custom.

Jacob Vogt

Have You Ever Ordered Your Groceries from
Harritt & Lawrence
If not, you are away behind the times. However, they are always glad to see new patrons, and if you call on them, you will be more than pleased. You will find them at the corner of Commercial and Ferry streets.