

## The Aurora Observer

Entered as second class matter March 28, 1911, at the postoffice at Aurora, Oregon, under the Act of March 3, 1879.

Geo. E. Knapp, Editor and Publisher



**EDITORIAL**  
Opinions of the  
Observer

### Menacing Nationalism

In commenting on the tendencies of the times the Cincinnati Inquirer says:

"No nation can make progress such as the United States is capable of making by throttling the individualism of the people. Paternalism, bureaucratic domination, has been the curse of Europe, has been responsible for its devastating retrogressions, economically, socially and politically.

"This nation achieved greatness and economic super-progress because it adhered to the principles and policies of the founders of the republic, because it fought down and away from every attempt to have the policies of paternalism grafted upon our system. But today paternalism is entrenching itself in the public service and is growing arrogant. Its hand is on our business; it demands oversight of our health and education, the moral guardianship of our private lives. Bureaucrats multiply and fatten at the expense of the burdened taxpayer. Uncle Sam carries a cane and a club. This is not well. Bureaucratic control means inevitable retrogression, the loss of all that the American people have won through adherence to and support of the simple fundamental policies of the fathers, at whom it has become fashionable in these days to sneer.—Ind. News.

### Both Parties Take Notice,

Our country has witnessed a most peculiar state of affairs during the past year. Every newspaper and every private citizen has been crying tax reduction, yet we have witnessed a congress which successfully prevented any reduction for a long period of time and which then passed a bill entirely different from the one recommended by the treasury experts.

Instead of working for tax reduction, congress consumed the greater part of its time in passing or attempting to pass various measures which would increase national taxes.

Congress seems to have worked on the theory of the ostrich in its blind efforts to have its own way. Instead of listening to the demands of the people, it stuck its head in the sands of its own egotism and forced its pet hobbies and political schemes down the throats of the American people.

Few politicians in office have the ability to read the signs of the times, but to those who have such ability, the recent presidential primaries offer a valuable lesson. Some political leaders in Washington advocate radical change in government and many new schemes and theories have been offered—but what did the people answer when they cast their vote.

The "ultra progressive" Republican candidate who would have given the people anything they wish, in promises, was absolutely snowed under. "The ultra conservative" Republican candidate of the type that the progressives class as reactionary and an enemy of the people, received an almost unanimous vote.

If this primary election teaches anything, it shows that the sentiment of the American people is for conservative and sound ideas of government and business. It should show both Republicans and Democrats alike that the men they put up for public office should be capable of impressing the voters with the fact that they will give, if elected, a sound economical and business-like administration of

public affairs and curb the tendency to expand the functions of government to various fields of private activity.—The Manufacturer.

### Aphis Threatens the Oregon Hop Crop.

Hop growers in Oregon lost thousands of dollars in 1923 from ravages of the hop aphis. All because quassia chips were not on the market, according to information received by Don C. Mote, entomologist of the experiment station.

The customary remedy for the aphis or louse that infests the hop has been for many years—in fact ever since the importation of the roots from Europe—a brew made from steeping quassia chips in boiling water. The bitter liquid so obtained was then used as a spray and with considerable success. For some reason the supply of quassia chips, which are obtained from a tropical tree grown chiefly in Jamaica, was not sufficient to supply the Oregon hop growers last year.

In the dilemma many turned to commercial insecticides, and particularly to nicotine sulphate or "black leaf 40" which depend for their efficiency upon the actual contact with the louse. For that reason, with varying methods and numbers of applications, the results obtained were far from uniform or satisfactory.

While the Oregon experiment station has yet made no study of hop aphis, the federal department of agriculture conducted experiments with nicotine sulphate and other insecticides on the Pacific coast some years ago. From the results then obtained Mr. Mote suggests that when nicotine sulphate is used the proportion should be one part of nicotine sulphate to 2000 parts of water. Federal experiments also showed effective control with whale oil soap solution in the ratio of 4 pounds of soap to 100 gallons of nicotine sulphate solution, as well as with other more expensive insecticides.

The aphis, almost always present in some numbers, becomes the greatest menace to the hops early in June, especially during the wet season. Managers of hop yards are now preparing spray equipment and materials.

The government crop estimates give the Oregon hop crop in 1923 a value of \$1,440,000 at the rate of 20 cents a pound. Twelve thousand acres are planted in hops in the state, Oregon being second only to California in acreage. Hops is the field crop ninth in value in the state.

### Origin of 12-Hour Dial

Long before the invention of the modern clock the Greeks divided the 24-hour day into two uneven units, from sunrise to sunset and from sunset to sunrise. And these units they further divided into hours, each hour being a twelfth of its unit.

Thus is summer a day hour was longer than a night hour, and in winter vice versa. Then the hours were further subdivided into minutes and seconds. But the Egyptians had the much more practical arrangement of dividing the whole period from sunrise to sunrise into 24 equal hours.

Eventually a system embodying the two methods became general. The Greek 12-hour periods, with their minutes and seconds were kept, but every hour was made equal in length. Thus when the modern clock came to be made its face was divided into 12 hours.—Detroit News.

### Pure Water Does Not Conduct Electricity

Pure water does not conduct electricity to any appreciable extent. A column of chemically pure water one twenty-fifth of an inch long has as much resistance to the passage of an electric current as a copper wire of the same diameter as long as from the earth to the moon. What makes ordinary water a moderately good conductor is not the water itself, but the material dissolved in it. When, for example, a molecule of salt is put into water, it breaks up into what are known as ions, one positively, the other negatively charged. If then an electric current is given a chance to pass through the water, it rides on the ions which carry the electrical charges through it. If there are no ions, that is, if there are no salts in solution, the current cannot get across. But all water outside of chemical laboratories contains enough dissolved substances to make a fairly good conductor, although chemically pure water is not.

### Declares Matinee Idol Is Memory of the Past

"Yes," said the old actor reminiscently, "the matinee idol is a thing of the past. He is only a memory. The moving picture hero of the screen has supplanted him. The girls and women have put the film star on a pedestal, and they give him that adoration no matter whether he is in California, or Algiers, while viewing the picture.

"A score of years ago the matinee idol was in the zenith of his glory. People of the present day cannot realize how the women used to idolize them. There was Harry Montague, George Rignold of 'King Henry V' fame; Osmond Tearle, who started in 'The Silver King'; Charley Thorne, the leading man of the old Union Square theater; Harry Crisp, handsome Jack Barnes, who was Adelaide Neilson's leading man; Henry Conway, and later Maurice Barrymore and Kyrle Bellew. These men were the pets of the ladies and each one could fill the house on a Saturday matinee. Not only this, but they were feted and entertained by the men as well.

"The most famous was Montague. The girls throughout the country bought his pictures and used to wear their hair in what was known as the Montague curl. Who that knows those days can forget when Monty, as he was known, used to take a jaunt down to Long Branch, then the fashionable resort? He was tall, slender, broad shouldered, with a slight, silky mustache, big, dreamy eyes, with handsome white teeth. Without being the least effeminate he used to wear a double-breasted blue serge suit, white flannel yachting cap, with a heavy gold cord, and was one of the first to introduce the low russet shoe, as they were called in those days.—New York Sun and Globe.

### Odd Instrument Is Used as Roof Pitch Finder

A folding instrument which measures the angle from the horizontal and the inches of pitch to the horizontal foot is now in use. The device, when open, consists of radial arms and an arc, the whole frame resembling a cut of pie. Pivoted at the center, or "point of the pie," is a pointer arm bearing a spirit level. When the user of the instrument desires to ascertain the pitch of a roof or any sloping surface he rests one edge of the "pie" on the surface, moves the pointer up until he centers the spirit level bubbles, and under the pointer on the circular edge will be the figures giving the pitch in degrees and the number of inches measured along the surface that would be set off by perpendiculars rising from either extremity of a line a foot long set beneath the surface. When not in use, the instrument is folded up into compact form in such a way that the spirit level is surrounded by the different metal parts and thus completely protected.

### Inventor of Locomotive

It is not true that George Stephenson invented the locomotive steam engine. That honor belongs to George Trevithick, a Cornish engineer, whose steam locomotive drew a train on rails from Merthyr Tydvil to what is now called Abercynon, in Glamorganshire, in February, 1804. The Merthyr achievement was the result of a bet. A local ironmaster, William Crashey, having heard of Trevithick's experiments in Cornwall, made a bet that he would get a steam engine to draw a load of 20 tons on the tramway from Merthyr to Abercynon. He was laughed at, but he sent for Trevithick, who duly fulfilled the conditions of the bet.

The engine had a brick smokestack. It had to pass through a tunnel, the roof of which knocked off the stack. Trevithick had to halt the train and rebuild his stack. Trevithick had previously—on Christmas eve, 1801—driven a locomotive by road with a load of passengers. He reported the performance in London in 1803, when a steam vehicle made by him was run in the streets from Leather Lane along Oxford Street to Paddington, the return journey being made by Islington.—London Answers.

### St. John Has Largest Drydock in the World

St. John, N. B., Canada, claims the distinction of having the largest drydock in the world. The drydock, which recently has been opened for use, measures: Length over all, 1,150 feet; clear width at the entrance, 125 feet, with 42 feet of water over the entrance sill at extreme high tide.

"Bearing in mind that the largest vessel afloat is only 958 feet long," says a bulletin of the Canadian Pacific railway, describing the immense dock, "and that the naval authorities are generally in agreement in concluding that vessel dimensions have now reached their economic maximum, it would appear that unnecessary length is provided in the St. John drydock. However, as this dock is being provided with an intermediate sill, which will permit the whole dock to be divided into two entirely separate chambers, the inner 500 feet long and the outer 650 feet long, it will be appreciated that this length is justified in that it provides for the accommodation at one time of at least two moderately sized vessels, and still can be utilized when the occasion arises as a single docking chamber with sufficient capacity to accommodate the largest vessel afloat.

"The new drydock presents a yet enhanced importance for the Port of St. John. Already it has an important place in Canada's economic life as the principal outlet on the Atlantic coast and the busiest port of winter shipment. Its exports amount to nearly \$100,000,000 per year and its imports to \$50,000,000. As the terminals of two Canadian railways, with branches radiating from it, it can well and expeditiously serve the Dominion. Its touch with the United States is adequate through fine services maintained with the republic's coast ports. It has connection with practically every country of the globe through services maintained with the United Kingdom, France, Norway, Ireland, South Africa, Australia, New Zealand, Bermuda and many other localities."

### Betrothed as Babies

For centuries past it has been the custom in China for the parents of a baby girl to betroth her, in infancy, to the youthful son of a friendly couple, and there have been numerous cases in which the girl has not seen her husband-to-be until she arrived at the home of his parents for the marriage ceremony. The match was a question solely for the respective parents and the young couple were not consulted. Western civilization, however, is encroaching on China, and the fact that the old order is changing is proved by four advertisements inserted in the vernacular Press of Peking recently, by which young women have given notice to the world that they decline to recognize the betrothals arranged for them in their infancies, and that they reserve for themselves the right to select their life partners.

### He Got a Lullaby

"Ever been arrested before?" asked a young lawyer who had been assigned to defend a prisoner without funds. "Yes, sir. I been in jail twice fer grand larceny, once fer trespass and ten times for vagrancy."

"Well, well! Life for you has not been a grand, sweet song."

"No, sir, but this time I got a lullaby."

### Travels of a Needle

An irritation in the kneecap of a twelve-year-old girl of Durango, Colo., led to the removal of a steel needle which the child had swallowed when eight months old and which, for more than eleven years, has been wandering through her system.

### Splitting the Fee

"I suppose you are getting a good fee, doctor, for attending the Smith boy? His father's rich."

"Well, yes. Why?"

"Well, I hope you won't forget that my little Ted threw the brick that hit him."

### Roman Laws on Wills

The Romans were the first ancient people to actually enact the statutory laws regulating bequests of property. Under the earliest Roman laws wills were made and declared in public, were irrevocable and the testator therefore surrendered free and unrestricted sovereignty over property acquired by him prior to that date.

No person other than a patrician soldier on the eve of battle was permitted to dispose of his property by will. It was only at a later date that the privilege was extended to the common people.—Detroit News.

### Final Notice of Executrix

To whom it may concern:

Notice is hereby given that the undersigned, Sarah W. Mann, has this day filed, in the County Court for Marion County, Oregon, her final account as executrix of the last will and testament and estate of James D. Mann, deceased, and that said court has fixed and appointed Tuesday, July 15, 1924, at the hour of ten o'clock a. m. of said day, in the county court room, in the county court house, in said county and state, as the time and place for the hearing of objections to such final account and for the settlement thereof.

SARAH W. MANN.

Executrix of the last will and testament and estate of James D. Mann, deceased.

Carey F. Martin, attorney for estate, 413 Masonic Temple Building, Salem, Ore. Jus. 12-July 10

### Amended Notice of Sale of Real Property by Executor

No. 5677. In the County Court of the State of Oregon for Marion County. In Probate of the Matter of the Estate of Lucy A. Johnson, Deceased.

Notice is hereby given that pursuant to the order and decree of the County Court of Marion County, Oregon, duly made and entered of record on April 18, 1924, in the above entitled cause and Court, the undersigned Edgar B. Perrine, executor of the Last Will and Testament of Lucy A. Johnson, deceased, will, from and after June 10, 1924, at the hour of 10:00 a. m. of said day, receive bids for and sell at private sale to the highest and best bidder therefor for cash in hand or one-half in cash and one-half in approved bankable securities, all the hereinafter described real premises belonging to the estate of the above named decedent.

All bids for the purchase of the hereinafter described real premises shall be submitted in writing and addressed to the undersigned in care of Carey F. Martin, 413 Masonic Temple Building, Salem, Oregon.

The real premises to be sold pursuant to said order of Court consist of a house and lot described as follows:

Lot No. Four (4) in Block No. Nine (9) in J. Myers Addition to the city of Salem, Marion County, Oregon, together with such miscellaneous household furniture and furnishings as are now contained in said dwelling and in use therein in renting the same partly furnished.

Dated at Salem, Oregon, May 6, 1924.

Edgar B. Perrine, Executor of the Estate of Lucy A. Johnson, Deceased. Carey F. Martin, Attorney for Estate, 413 Masonic Temple Building, Salem, Oregon.

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SOUTHERN PACIFIC

NORTH BOUND

No. 22 (on Flag).....5:44 a. m.  
No. 16 (on Flag).....7:38 a. m.  
No. 62 (Stop).....10:19 a. m.  
No. 18 (Stop).....2:16 p. m.  
No. 24 (on Flag).....7:00 p. m.

SOUTH BOUND

No. 17 (Stop).....9:43 a. m.  
No. 61 (on Flag).....2:08 p. m.  
No. 23 (Stop).....4:53 p. m.  
No. 21 (on Flag).....9:09 p. m.

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FOR THIS WEEK ONLY

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### Hard Wheat Flour . . . \$1.40

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We loan on first mortgage security exclusively and will be glad to consider your application.

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