

Notes and Instructions from Agricultural Colleges and Experiment Stations of Oregon and Washington, Specially Suttable to Pacific Coast Conditions

ROADS AND SETTLERS.

By E. F. Ayres, Highway Engineer, O. A. C. Oregon Agricultural College, Corval-lis, Oregon.—When Thomas H. Edison returned from his European vacation, the New York reporters met him at the pler with requests for his impressions of the countries he had visited, with special reference to the question of how they compared with his native land. His reply was that Europe could show us nothing better than we produced with one exception -our highways. When it is consid-ered that he comes from a state which has been one of the foremost in road improvement, and that his criticism but she has found that she must

His impressions are undoubtedly the same as those of the European trav-eler who visits our shores, and there will explain the absence of the best siderable work is under way. class of European emigrants from our vacant farm lands. Everyone with even the most superficial knowledge gineer to be appointed by the state of t spend thousands of dollars every year of the United States and in Europe to expectations.

failure of the campaign, each booster and carried by a big majority. laying the blame on the other fellow. One claims that the high freight and She needs settlers, too, and she is passenger rates are retarding the setting them. Kansas has no state growth of the state; another blames highway denartment but the legisla. at prices which are practically prohibitive; others say that the very nature of the literature issued is preing any portion of the responsibility himself.

Of course, it is much pleasanter to let the other fellow relieve us of all good work is being done. portions of the blame, but before being too sure it is sometimes a good shoulder the part that rightfully belongs to him. The fault lies with the entire state, including both you and we cannot dodge the issue.

How can we expect to attract farmhas been accustomed to hard surfaced Then it is not necessary for him to complain, his government will attend

viding for the creation of a State Highway Commission whose chairman shall be the Professor of Highway Engineering at the Agricultural and Mechanical College, the other mem-bers being the Professor of Civil Engineering at the State University and one civilian to be appointed by the governor. These members serve without pay, and appoint a State Highway Engineer at \$3000 a year to design, construct and maintain highways. The bill will undoubtedly pass if it has not already done so.

Oklahoma must have settlers, and she, too, has advertised and sent her literature to the ends of the earth, was based on the condition of her have roads to get the immigration. roads, one wonders what he would A Highway Department was created have said if he had come from some by the last legislature consisting of Highway Commissioner 'to be appointed by the governor, and a State Highway Engineer to be appointed by the commissioner. This department may be a lesson in his remarks that has recently been organized, and con-

even the most superficial knowledge of Oregon's conditions will admit that her greatest need today is more set-to be absolute, and his salary has tiers to develop her latent resources. been fixed at \$5000 a year. Louisiana The commercial clubs of the state had long thought she was too poor to afford the luxury of better roads, but tell our friends in other sections Governor Sanders succeeded in convincing the voters that it took a very about the marvelous opportunities that rich state to afford the luxury of bad await them in the Northwest, but roads. The question of a special tax somehow results fail to measure up for the construction of State Aid roads was submitted to the people of Many reasons are advanced for the the state at the last general election

"What is the matter with Kansas?"

highway department, but the legislathe land boomers for holding the land ture makes a special appropriation for the employment of a Highway Engineer at the Agricultural College who acts in the capacity of consultventing development, as the general ing engineer for the entire state. No farmer sees nothing to attract him in one is legally obliged to follow his fruit growing at the present price of advice, but they usually accept it the land and water, and so it goes, each one carefully refraining from shoulder-time it is offered. As in all states where there is no central authority in full charge, the roads are not being improved very fast, but considerable

To come nearer home, California has just appointed a State Highway idea to make sure that he has done Engineer at a salary of \$10,000 a year, so, and as long as our rural roads and has given him \$18,000,000 to spend are left in their present condition, it on the highways. Our neighbor on will be difficult to persuade him to the south will soon have good roads. Washington already has a State Highway Department, a trifle disfigured after last winter's battle, but still in me, and while it is very unfortunate, the ring. A great deal of criticism was directed at the department, but, with few exceptions, it is difficult to ers from countries where every man find a well-built stretch of road in the state that was not built under roads from his childhood and regards the direct supervision of this office. them as a matter of course. He can-not understand why the American about it, but she is building roads people make so much fuss over the nevertheless, and many and loud are improvement of a small stretch of the walls along our northern boundhighway, for in his country no fuss is aries on account of the number of

to the delinquent road official with There are but two ways open. We

Endurance Tests.

"I kind of wish," remarked the government employe, "that they'd give me another kind of an endurance test." "You want physical exertion?" "Yes. I wish that for a change they'd let me see how many miles I can ride on horseback instead of how many hours I can sit at a desk."

Distemper

Distemper In all its forms, among all ages of horses and dogs, cured and others in the same sta-ble prevented from having the disease with Spohn's Distemper Cure. Every bottle guaranteed. Over 500,000 bottles sold last year. 5.50 and \$1.00. Good druggists, or send to manufacturers. Agents wanted. Write for free book. Spohn Med. Co., Spec. Contagious Diseases, Goshen, Ind.

Noiseless Furniture.

Irritating noises can be avoided by taking some old felt hats, cutting out from these disks about the size of a quarter and securely fastening them to the bottoms of the legs of all chairs. tables and other movable articles not provided with casters. This also prevents the scratching of polished floors.

TRY MURINE EYE REMEDY for Red, Weak, Weary, Watery Eyes and Granulated Eyelids. Murine Doesn't Smart-Soothes Eye Pain. Druggists Sell Murine Eye Remedy, Liquid, 25c, 50c, \$1.00. Murine Eye Salve in Aseptic Tubes, 25c, \$1.00. Eye Books and Eye Advice Free by Mail. Murine Eye Remedy Co., Chicago.

Uses of Nitrate of Soda.

Sodium Nitrate is the only nitrogen salt that can be used in solution, as all the other soluble salts of nitrogen become fixed as soon as they come in contact with the soil. However, they become available in a short time. The released sodium may correct soil acidity or may liberate calcium, potassium or magnesium from the soil.

RED CROSS BALL BLUE.

The blue that is all blue. Best for washing because it makes the clothes clear and white, lasts longer than liquid blue and produces better results.

Avoid liquid bluing because it is only a weal: solution of blue in an expensive package. RED CROSS BALL BLUE is sold everywhere. orice, 10c. ASK YOUR GROCER.

No Room for Improvement.

It was about 1720, at Amsterdam, that Fahrenheit made his first thermometer, which has served as a model ever since.

Particularly the Ladies.

Not only pleasant and refreshing to the taste, but gently cleansing and sweetening to the system, Syrup of Figs and Elixir of Senna is particularly adapted to ladies and children, and beneficial in SANITARY TELE all cases in which a wholesome, strengthening and effective laxative should be used. It is perfectly safe at all times and dispels colds, headaches and the pains caused by indigestion and constipation so promptly and effectively that it is the one perfect family laxative which gives satisfaction to all and is recommended by millions of families who have used it and who have personal knowledge of its excellence.

Its wonderful popularity, however, has

Immense Bird's Eggs.

The largest known bird's egg is that of the extinct aepyornis of Madagascar, of which the museum of New York has now a specimen. It has a capacity of two gallons, measures 26 inches round the middle, and the shell is one-eighth of an inch thick. The largest egg of a living bird is that of the ostrich, which is equal to about thirty-six hens' eggs.

Homemade Perfume.

Into a bottle holding two ounces alcohel put one-half ounce orris root, broken into fine pleces. Add to this a bunch of newly gathered rose petals. Cork the bottle tightly and shake well. After it has stood ten days, a few drops on the handkerchief will give the scent of fresh roses.

Municipal Reform in Georgia. For several years there has been a law forbidding the running of bulls

loose on the streets. This law has not been enorrced for several years. but it does seem that it should now be enforced, as there are several such animals now at large .--- Blackshear Times.

Evidently He Was Jealous. A strange plea for divorce was unsuccessfully put forward in the French courts recently by a man who complained that his wife had allowed her photographs to be used on picture postcards against his will.

A Drop of Blood

Or a little water from the human system when thoroughly tested by the chief chemist at Dr. Pierce's Invalids' Hotel, Buffalo, N. Y., tells the story of impoverished blood-nervous exhaustion or some kidney trouble. Such examinations are made without cost and is only a small part of the work of the staff of physicians and surgeons under the direction of Dr. R. V. Pierce giving the best medical advice possible without cost to those who wish to write and make a full statement of symptoms. An imitation of natures method of restoring waste of tissue and impoverishment of the blood and nervous force is used when you take an alterative and glyceric extract of roots, without the use of alcohol, such as

Dr. Pierce's Golden Medical Discovery

Which makes the stomach strong, promotes the flow of digestive juices, restores the lost appetite, makes assimilation perfect, invigorates the liver and purifies and enriches the blood. It is the great blood-maker, flesh-builder and restorative nerve tonic. It makes men strong in body, active in mind and cool in judgment. Get what you ask for!

Spoke From Experience.

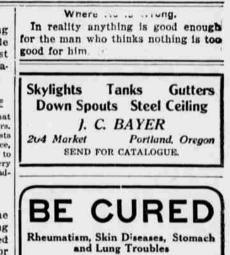
"Say, pop, what is meant by letting well enough alone?" "A good example of it is when an unmarried man just continues to remain single."-Phila-

SANITARY TELEPHONE MOUTHPIECE

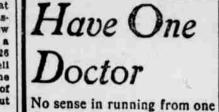
Just out. Highly nickel-plated globe that throws off germs. Strongly endorsed. No odors, No disinfectants. Easily put on phone. Lasts forever. Always clean. On receipt of price, \$1.0), we will forward complete device ready to put on phone. Exclusive agents wanted in every town, Address Phono-Globe Company, 422 Monadnock Building, San Francisco, Cal.

Must Have Dined Well.

The electric ventilating fan on the wall of the restaurant was whizzing round. A gentleman who had dined extremely well sat looking at it for some time. "Waiter," he complained at last, "that clock's fast!"-







doctor to another. Select the best one, then stand by him. Do not delay, but consult him in time when you are sick. Ask his opinion of Ayer's Cherry Pectoral for coughs and colds. Then use it or not, just as he says.



Always keep a box of Aver's Pills in the house. Just one pill at bedtime, now and then, will ward off many an attack of biliousness, indigestion, sick headache. How many years has your doctor known these pills? Ask him all about them. - Made by the J. C. Ayer Co., Lowell, Mass -

"How did that murder trial come out?" "In the usual way. The defendant, two bailiffs and several of the witnesses are going on the stage."-Louisville Courier-Journal.



tunity for standardization of plans or methods, nor could any comprehensive plan be carried out under this multiplicity of heads, so Texas has decided to go into the State Aid colsleeve. umn. A bill has been introduced pro-

Pale blue uncut velvet is used for the foundation of this handsome evening gown. The chiffon overskirt has an applique of roses in pastel shades. Very new is the suggestion of a draped

FADELESS TNAM

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