

## STEAM-PLOWING.

That steam-plowing is certain to become at some future period a regular branch of agriculture, may not be doubted any more than that steam will eventually supersede horse-power wherever it can be made available in the future as it has already done in the past. Agriculture can not afford to remain behind the arts in any particular. It has been brought to that condition now in England and the East that convenience mainly determines whether the farm be plowed by steam or not. Its great economy is no longer in doubt. In the month of April last, at a meeting of the London Farmers' Club, a paper was read by a farmer, many days," and notwithstanding the dif- believes that Mr. Colfax is any thin Mr. J. K. Fowler, relating his experience with steam cultivation. In the discussion, or rather remarksfor there was no divided opinion upon the matter-which followed, several other farmers gave their views in a practical and interesting manner. It appears that the use of steam [editions for September and October aggreis so rapidly extending, that at one factory in England 100, chiefly double engines, are made yearly to supply the home demand, and 60 yearly for foreign customers. Also, that the unfavorable condition of the public and farm roads, the weakness of the bridges, and the crooked fences and small fields greatly retard the journal, there is abundance of evidence to use of the engines. That in Germany 50 engines are at work on the sugar-beet farms, and that the improved cultivation-a depth of 15 to :30 inches being reached-so increases the quality of the crop that the enterprise is very profitable. In England, 200 acres a week have been plowed by one set of engines and plows, with three men, and horse cart to draw water and fuel, to attend it. The cost of breaking up the ground 12 or 15 inches, and then cultivating or breaking or loosening the subsoil, not turning it over, to 20 or :0 inches deep, is there \$3 per acre for both operations. There it pays a tenant farmer with but 200 acres to own a set of plows and tackle, the cost of which varies for different styles from \$13,000 down to \$3,000. Mr. Fowler estimates that the original cost of stocking a farm that fully employ an engine and tackle would be but little more than an equivalent force of horses with the harness a selected exchange list, ignoring the chief, and implements. The engines used in England are sionally furnish reports entitled to the apwholly on the round-about system; pelation of news, unless such sensations that is, the plows are drawn across the field by two locomotive engines, one at each headland, or by one assisted by an anchor on the opposite headland. The plows in a gang of and asking a continuance of the sameseven, plowing a land six feet wide, here goes for VOLUME THREE. are drawn by a steel rope which is wound upon a drum on the engine. ". he direct traction-engines are found from a "wicked paper" like the Chicago to be inferior in operation. Not the Tribune, and after copying it we have cut least important benefit attached to it from our exchange list: "Before the this method of cultivation is that the great depth to which the soil is opened not only renders it porous for the a free pass upon the railroads, together with the largest pumpkins grown in his escape of surface-water, but renders neighborhood, and the privilege of all the it dmost completely unaffected by circuses, and was the oracle of all the country round. When the war broke out, drouths of the most serious charac- Secretary Chase located him in the place ter. This, then, is the present con- where, apparently, it would do him the dition of steam 'culture in its native most good. He became agent for the sale home and adjoining countries, and as one crosses our magnificent plains he exclaims: "What a field for the use of profit, a fact which has induced numerous steam in the place of the horse and ly and pathetically upon the labors of the plowman, who 'homeward plods his financial Atlas, carrying the Government weary way' after painfully breaking upon his shoulders. The golden stream an acre and a half of soil in ten began to run into his coffers, and it in-hours of toil." Capt. R. R. Thomp- creased in volume until Lee surrendered, son having introduced the plow into this State is deserving of the heartiest thanks of all Oregonians.

## VOLUME TWO Four months ago to-day the TRI-WEEK-

LY ASTORIAN made its first appearance, welcomed with a liberal support which has continued to increase up to this time in such ratio as to positively assure success. It was not deemed necessary in the start to make any fulsome statements respecting his term as Vice President. TI the course the paper should pursue, further than to make it understood that we should to pass, of false accusations and con not advocate the claims of either political party, nor lend our columns to the advantage of any particular individual, clique, or hobby, to the detriment of the best interest of Oregon. This principle we shall continue to maintain.

To-day begins the second volume, and old friends, had doubt of his integr perhaps some statement of the affairs of ty. But things have changed, an the office may be a satisfaction to parties holding business relations with us. Advertising is a matter that is infrequently comprehended, it is often like "bread cast upon the water which returns after ficulties of estimating the value of judicious advertising, there is no question but that there is efficacy in it, and no prudent man of business will neglect this part of people ever reposed in him. Of th duty. The ASTORIAN is one of the best mediums for advertisers in the State. The gate 18,820 copies. The terms for advertising (\$1 50 per square), per month, illustrate the advantages this paper offers for dence and esteem have lightened reaching practical, thinking readers. Concerning the benefits likely to be de-

rived by Astoria, and the commerce of Oregon, from the establishment of this be seen in the thrift of this place the past few months-and the further fact that there was never such an interest taken in this subject before by parties abroad, as the daily receipt of letters of inquiry attestmany of which we might print, had we space to spare. We shall not wage a war upon any other locality, believing there is room for all to prosper, but we shall continue our efforts to correct the abuses and misunderstandings which threatened, at

## HON. SCHUYLER COLFAX.

We find the following in a recen Michigan paper: "Ex-Vice Pres dent Colfax and wife were in tow on Tuesday. We were agreebly su prised to see Mr. Colfax looking a well. He at least, appears ten yea younger than he did at the close. fearful ordeal through which he ha spiracy to blacken his fair name, con cocted in the breasts of professe friends, was enough to weigh dow the spirits of even the stoutest hear It was no wonder then, that he seen ed to grow rapidly and premature old, as he felt that many, even of h to-day the general impression is provailing throughout the country among the thoughtful men of a parties, that Mr. Colfax was a gros ly injured man. There is to-da scarcely a person in all the land the but a pure and high minded state man, worthy of all the confidence that the Republican party and th fact the ex-Vice-President is not is norant, as the thousand invitation that throng upon him to visit all par of the country must fully testify. is not to be wondered at then, the these numerous testimonials of conf the heart of Mr. Colfax, and caused the glow of health and almost youth, to once again pervade that cheek and honest brow. In our humble opinion the day will yet come, when the American people, irrespective of former political predilections or differences, will honor the man that dishonest and heartless politicans sought to destroy."

--James Welch sent one hundred boxes of fine fruit to Honolulu by the barkentine Jane A. Falkinburg.

School Books .- Now is the time to buy School books to conform with the new law. For an 1 introduction there is a discount of \$33. per cent. from retail prices, as follows: Pacific Coast-First Feader. .....S Second Reader ...

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Pig's-Feet, Confectionery, Cigars, Tobacco, Pipes, Notions, etc.	Charles S. Wright, AUCTIONEER-Cor of Main and Chenania Streets, Astoria. Goods received on consign ment and sold to the highest bidder.
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CAPLES & MORELAND, Attorneys at Law, Portland, Oregon

Sund to

Office in Fittock's Building, Corner of Front

-According to the Portland papers there are " jobs" and" rings" in the eight, or perhaps ten millions." city and county governments there that would startle Tammany. Surmising what we do of the origin of some of these jobs, and the rings, before they fell to peices from centrifugal force, the discussion now going on they fell to peices from centrifugal force, the discussion now going on in the newspapers about them is not only very disgusting, but very pecuonly very disgusting, but very pecu-liar. It beats Bret Harte's "heathen equivalent to about four ship loads, such Chinee" for tricks that are vain.

very remote date, to wrest Oregonians from their grasp upon one of the most promising commercial relations the world ever produced.

Next year we hope to see telegraphic communication and a daily mail extended to Astoria. Those things are our worst needs, at present-with such facilities we shall be better enabled to keep up with the news of the day, but for the immediate purposes we shall do the best we can with dispatches of this coast, which only occa-

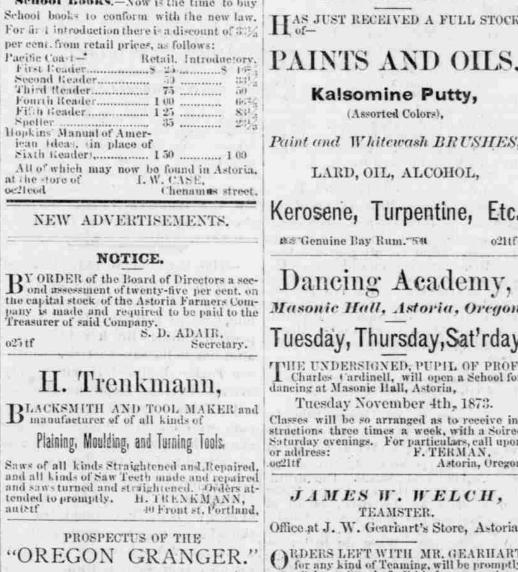
are taken as matters of interest by the public. We do not so regard them.

Thanking our patrons for past favors,

-This is just what might be expected war Jay Cooke was the publisher of a prosympathising friends to descant admiringbegan to run into his coffers, and it inand for a long time after. The war, which bankrupt some and killed many, turned everything he touched into gold, and left him a legacy of syndicates to continue the operation. He became a man of mark

and consequence. He accumulated seven

-The contract for the construction of a warehouse on the farmers' wharf that will hold 90,000 bushels of grain, was let to as are taken above the hog's-back.



On Thursday morning, November 27th, 1873, the undersigned will commence the publication of a forty column newspaper in the City of Albany, Linn County, Oregon, to be issued regularly thereafter on Thursday moving of cach week, under the name of "OREGON GRANGER." The Paper will be neutral in polities and

religion, reserving only the right to criticise diagrant acts of injustice in State or Church. As the name implies, the aim in view is the

promotion of all the social virtues, as well as the development of the material resources of the State. It will recognize the tiller of the soil as the man of capabilities, and the peer of the greatest.

Conscious of the fact that agriculture lies at the bottom of all eivilization, and that the march of intellect only keeps pace with the expansion of the science of husbandry, its columns will always be open to the farmer for the exchange of practical hints touching the various matters of every day life on the farm.

It will be a Paper welcomed to the home circle for its refining and elevating qualities, and to the man of business for its varied information

mation. Its fall market reports from all parts of the world will enable the producer to select with intelligence the best time to sell. A feading feature will be the publication of a series of articles descriptive of Oregon, plain but truthful. These will be continued weekly until the entire State shall have been fully and clearly described, thus making the Paper of interest outside the State. Many leading citizens having pledged their

Many leading citizens having pledged their cordial and earnest support, this brief Pros-pectus is sent forth as a direct appeal to the people for that support requisite to the full accomplishment of the purposes herein foreshadowed.

A. S. MERCER. One Copy One Year. Six Months. \$3 50 .... 1 59 Three

