

## The Flocks.

TO LEASE N. P. R. R. LANDS.

Land Examiner E. F. Benson, of the Northern Pacific Railway Company, passed through North Yakima Saturday last, returning from his examination of the sheep grazing lands in the Rattlesnake hills district. Mr. Benson informs us that he has completed the examination of the range being used by the following named parties and that on July 10, 1897, he will be in North Yakima prepared to accept applications for grazing leases in the district named:

Vessey & McRae, 25 sections; Halstead & Wright, 20; Weston, Bean & Suiste, 20; Davis & Klair, 9; Wm. Buchholz, 5; Chas. Porter, 8; A. M. Cannon, 4; Hugh Gray, 15; C. A. Keene, 5; Robt. Hamilton, 20; Campbell & Sons, 6½; George Wright, 10.

### THE BEST DIPPING PLANT.

An Indiana Man Wins the \$100 Cup Offered by Cooper & Nephews.

After an exciting contest for the one-hundred-dollar sterling silver cup offered some months ago, by William Cooper & Nephews for the best farm dipping plant, the prize was won by W. B. Vestal, of Plainfield, Ind. A large number of plans were presented by parties all over the continent from Quebec to California, nearly all of them disclosing features of more or less practical value, but after a careful inspection a committee composed of Richard Gibson of Ontario, C. W. Reichenbach of Ohio and F. S. Burch of Chicago, decided that the plans presented by Mr. Vestal embodied the highest measure of simplicity, cheapness and practical value, the chief points of which the public spirited promoters of the contest were desirous of attaining in a farm dipping-plant for general use by flockmasters in the agricultural states. The following are the plans and specifications given by Mr. Vestal:

"We have a dipping outfit which I made and which any farmer can make at a small cost, and it answers the purpose. Two men, one on each side of the vat and our little nine-year-old Willie to keep the sheep massed in the chute, will handle them at the rate of about one sheep every four or five minutes, and that will allow the sheep to remain in the dip two minutes, 'by the watch,' and should not be guessed at.

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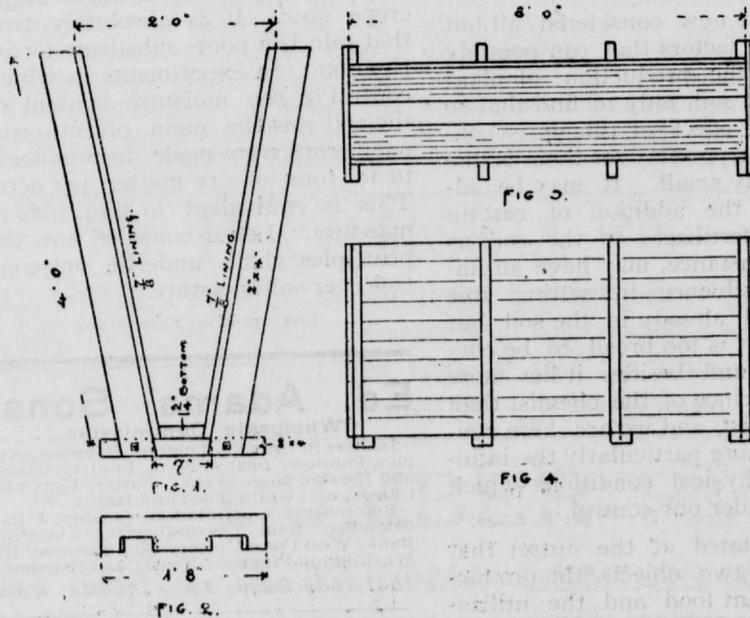
when you need work shoes or fine shoes.

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**F. C. Hall & Co.** Next to Yakima National Bank.

"To make the dipping-vat, use 2x4 stuff; cut eight pieces 4 feet 2 inches long, and four pieces 20 inches long, and frame by halving together, as show in Figs. 1 and 2. Now take the four frames and set them on a level floor, and nail temporary strip on the outside to keep them in position. Use first class flooring for sides and ends; paint tongues and groove as you put them on; commence at the bottom, grooved side down (plane the groove off

on outside of posts. Paint the inside thoroughly, and you will have a water-tight bottom. You can nail quarter-round in the corners if necessary, but ours has none, and does not leak, and has been in use for three years. Cooper dip does not seem to affect the paint or wood in the least. I like the dipping vat 8 feet long, so as to allow an incline for sheep to walk out on. They will climb out with little assistance if so arranged. We have a small



the first boards), and build up, letting the ends extend past the posts at each end so that they may be sawed off afterwards to ensure a good joint at the corners. The bottom should be 1¾ x 6 inches, with the edges beveled to correspond with the flare on the sides. Draw down with ¾ bolts and nail the side planks to the edge of bottom board, and you will have a water tight joint. Now after sawing the side planks flush with the outside of end posts, seal up ends

tackle hung near the exit end of vat, so that in handling very heavy sheep we have a saddle girth, with ring on each end, which we put under the sheep behind the forelegs; hook the tackle into the rings, and one man will easily lift a 300-pound sheep; but we seldom use the tackle, as the sheep naturally walk out with little assistance. We let the vat into the ground 2 feet, so the top stands 2 feet above the surface. Bore an inch hole in bottom to drain off liquid when done (1 inch,