

withstanding the hard baked earth, did it effectually and satisfactorily. The Machine can be worked with two or four horses, and from 150 to 300 rods of ditch, according to the soil, can be made in a day. For irrigation and drainage, this Machine will revolutionize this continent. It is just what has long been needed. No more spading and digging is necessary. We predict that in less than two years every well-to-do farmer on the Mississippi valley, whose lands require draining, will number the Ditcher among his necessary farm implements. We are pleased to state that the owners received several orders before the close of the trial.

*From the Rural World, an Agricultural Paper of St. Louis, Mo.*

At the trial near the Fair Grounds, a ditch of one hundred paces long and two and a half feet deep was cut in about one hour. It is impossible to conceive of a more disadvantageous condition of the soil: not a bit of moisture seemed to have been left in the earth. The Machine was drawn by four good horses, and worked to the satisfaction of all who witnessed the trial. Ourselves had hold of the handles and on one occasion put a hundred and eighty pounds (our respective avoirdupois,) just to see what it could do, and we are entirely satisfied that the Ditcher is a valuable invention and a very strong machine. The horses work on a long even—each team on each side, if four are used; under favorable circumstances, two are said to be able to do the work. A tongue passes between the teams; but being hung on a ratchet, is entirely flexible, and does not at all wear on the necks of the horses.

There is, perhaps, no farm where there is not some land that could be made the most valuable on the farm—being generally pure humus—if a ditch of greater or less length could be cut and the land under-drained. Now here is a machine which two men—each with a good team—can purchase, and with which they can move from place to place, as we used to do (and do now) with our threshers. We hesitate not to recommend it as one of the most practical and valuable inventions.

The following are from Canadians, who have had these machines in use for a considerable length of time, and have therefore thoroughly tested them.

Messrs. Carter & Stewart, Prop's of Carter's Ditching Machine.

GENTS:—In connection with my neighbor, Mr. Zedekiah Dance, we purchased this spring, one of Carter's Ditching Machines, and in justice to the merits of the Machine, and thinking I may be doing my brother farmers a great service (many of whom understand all the benefits arising from draining, also the difficulties and loss in getting it done by hand,) I have much pleasure therefore in making known the