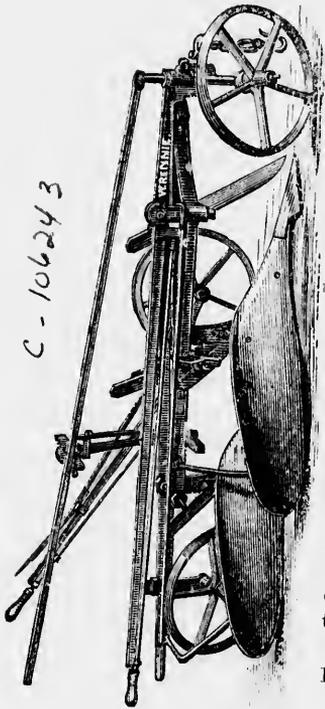


PLOUGHS.

FIG. 3.—IMPROVED CHAMPION DOUBLE-FURROW PLOUGH
(COMBINING GRAY'S AND PIRIE'S PATENTS).



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These Ploughs have become deservedly popular, owing to the saving effected in draught, manual labour, wear and tear.

The demand for them is rapidly and steadily increasing.

They are wholly carried on large angular rimmed wheels, which not only carry their weight, but also resist the pressure exerted in lifting and turning the furrow. They have neither side nor sole plates, and hence are free from all friction, caused by the rubbing action of the same; the cutting part of the Coulters and Shares are so constructed and arranged that they make room for the rest of Plough, and no part of it touches the soil or mould-board. By this arrangement the POWER REQUIRED to work the Plough is REDUCED FULLY A THIRD.

The Double-Furrow Plough can be drawn on heavy soil with ease by three horses, and on light soil by two;

Among the advantages these Ploughs possess are the following:—

1st.—ECONOMY IN DRAUGHT. The work can be accomplished by fewer horses. On moderately heavy land the DOUBLE-FURROW PLOUGH drawn by three horses WILL PLOUGH THREE ACRES PER DAY of nine hours, thus securing to the farmer a SAVING OF NOT LESS THAN 30 PER CENT., or affording him the opportunity of having his ploughing done quicker when a suitable season occurs.

2nd.—ECONOMY IN MANUAL LABOUR. With one of these Double-Furrow Ploughs ONE MAN CAN DO THE WORK OF TWO, if using the ordinary Plough, and with far more ease, as THEY GUIDE THEMSELVES, and only require attention in case of anything unusual in the soil.