

Improved Plough.

THE subscribers, under the firm of GEORGE WATT & CO., have established in the city of Richmond a Manufactory of Ploughs, &c., just below Mr. James Harden's Livery Stables, on Franklin street.

As they are confident of offering a Plough really improved, and worthy of patronage, they ask an attentive reading of the following description and recommendation of WATT'S CURVE-DRAUGHT AND GAUGE, OR CENTRE DRAUGHT PLOUGH.

This Plough was invented and PATENTED a few years ago by Mr. Watt, a native of Hanover, but at the time a resident of Alabama. A little effort has been heretofore made to introduce it to the public through the press, its excellencies are known to comparatively few. It has, however, one essential evidence of character—IT STANDS WELL AT HOME.

The peculiarities in the construction of this Plough are—that the mould-board is fastened to the side, instead of the bottom of the beam; a cuff or square staple is made to embrace the beam, the ends penetrating the extending upright or helve of the mould-board—the whole being secured together by screws and nuts. The position of the beam to one side, and out of the plane of the mould-board, makes it less liable to choke. The beam, having no bolt or mortice through it, is stronger and more simple; and, should it break, it may be renewed at less expense. The handles are straight, (as well as the beam,) except at the upper ends, and fastened in the usual manner, with screws and bolts, to the heel of the Plough. These bolts serve as pivots, on which the wood-work turns; thus, when the screws of the cuff—those two fastening the lower ends of the handles, and the one fastening the beam to the handle—are slackened, and the handles are pressed, the beam moving freely through the cuff, the hind part is lowered and the front elevated—whereby, the Plough is made to run deep or shallow, as circumstances require. Again: by driving down the wooden peg in the groove between the beam and helve (or upright) of the mould-board, when the screws are slack, the beam is turned to the furrow and the point of the Plough to the land.—By drawing the key back, and lightening the screws, it is reversed—thus giving or taking away land to suit small or large corn, &c. This makes it strictly the Gauge or Centre Draught Plough. To gauge or centre draught a plough is to bring the connecting point of the bar (or swingle tree) and clives in a straight line, drawn from a point of the animal's shoulder (where the draft is taken) to the centre of resistance on the mould-board; thus, if a line, drawn from the centre of resistance, through the connecting point of the clives and bar, should strike above that point of the shoulder, the plough would run too deep; if below, too shallow; if to the right, it would not take the land; if to the left, it would take too

mch. Hence the great importance of gauging or centre-draughting the *Plough*, instead of altering the *back band*, which is often necessarily put so far back as to throw the burthen upon the loin—where, according to the structure of the horse, Nature never designed a weight to be carried. Last, though *very important*, this Plough cannot alter from the set given to it by the ploughman, unless it should break—it cannot lose or gain either land or draught, but remains permanent. That these properties belong to this Plough, is attested by certificates from gentlemen of intelligence in Hanover, King William, New Kent and Charles City, already published by us in a handbill of 28th October. Those certificates are too numerous to append to this already extended notice, we can only refer the enquiring public to them as fully sustaining all that we have said of the implement. Among the names of Ezekiel S. Talley, Laney Josea, William F. Gaines, Carter Braxton, James H. Christian, Braxton Garlick, Miles Eggleston, Richard Al Hunley, Henry D. Gentry, Gilson Via, Benjamin Tyree, Thomas French, Anderson King, Havel Ellyson, Temple Ellett, Mitchell Adams, George Carter and Richard Atkinson, most of this community will recognize large, practical and successful farmers, whose word and judgment may be confidently relied upon.

The patentee of the Plough, an experienced mechanic, may be found generally at the establishment, and will take pleasure in explaining its principles to all who wish to understand them. A card of simple directions will accompany the Plough if desired. We have experienced blacksmiths, and every reasonable effort will be made to turn off good work. We request the agricultural community to extend to us a share of patronage.

☞ This Plough, two years ago, received a premium of \$6 from the Hanover Agricultural Society, and last Fall, though no premium was offered, the Henrico Agricultural Society, at the recommendation of the Committee, awarded a silver medal to the patentee.

It is our purpose to have constantly on hand a full supply of the above Ploughs, of all sizes, with wrought or cast points, and of the most improved kinds, all of which we expect to sell as low as ordinary Ploughs are sold in the City market.

☞ We offer for sale rights of counties in Virginia, remote from the City of Richmond and of other States.

☞ Address George Watt & Co., Richmond, Va.

GEORGE WATT, Jr.,
JOSEPH S. WALTHALL.

☞ The Whig will please copy—c3m