



COLLARD'S PATENT IRON HARROW.

I have made arrangements that enable me to furnish all parties requiring a good harrow with the above implement. The Patentee, who spent much time and money in perfecting his patent Iron Harrow, and preparing machinery for manufacturing it, has succeeded in producing a superior article, which can be furnished at a moderate price.

Each part is formed by machinery, by means of dies, presses, and punches—each joint is thereby a perfect fit, and each part exactly like its fellow. The harrow is made in two-row sections, four making up a harrow of 40 teeth.

It has a very lively motion when at work; being in small sections, it readily adjusts itself to uneven surface in the ground, and is light to handle or move and of easy draught. There is not a nut or key to remove when taking it apart to remove from one field to another, consequently no small parts to lose. By taking out one of the inside sections, and reversing one inside and both outside sections, it makes a light thirty-tooth harrow, suitable for one horse or a pair of colts, and it can at any time be enlarged by adding one or more sections—thus making a 50 or 60 tooth harrow.

The hinges or connections are so arranged that there is a joint exactly behind each horse and one between them, so that when either horse is walking in the furrow, or if the furrow is between them, the harrow will with ease adapt itself to the shape of the furrow, thus nicely dressing the edges of both lands at the same time.

The head or shoulder of the teeth is formed by a peculiar die forming the tenon, or part passing through the upper bar tapering, which gives