

J. O. MINOR & C. WOOLVERTON.

PLOW-BRIGHTENER.

No. 192,708.

Patented July 3, 1877.

Fig 1

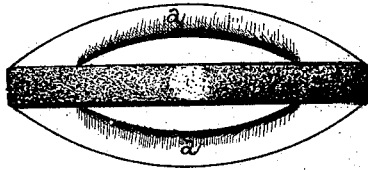


Fig 2

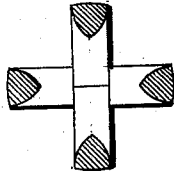
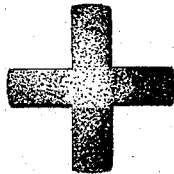


Fig 3



WITNESSES.

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INVENTORS

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UNITED STATES PATENT OFFICE.

JOHN O. MINOR AND CYRUS WOOLVERTON, OF BEDFORD, IOWA.

IMPROVEMENT IN PLOW-BRIGHTENERS.

Specification forming part of Letters Patent No. **192,708**, dated July 3, 1877; application filed June 5, 1877.

To all whom it may concern:

Be it known that we, JOHN O. MINOR and CYRUS WOOLVERTON, of Bedford, in the county of Taylor and State of Iowa, have invented certain new and useful Improvements in Plow-Brightener; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

Our invention relates to an improvement in plow-brighteners; and it consists in an oval frame, hollow in its center, and having a number of sides or strips, upon the outer surface of each one of which is placed emery, sand, or other equivalent substance, for the purpose of polishing or brightening plows and other similar articles, as will be more fully described hereinafter.

The accompanying drawings represent our invention.

a represents the frame, which is preferably made of an oval form, hollow in its center, and having each end squared or cut away, as shown. The four sides of the frame consist of narrow strips or bars, rounding on their outer sides, and having emery, sand, or any equivalent substance applied to their outer edges. In between these sides or bars is left a sufficient space for the insertion of the hand, so that each side or bar serves as a handle.

If desired, a different grade of emery may be applied to each bar, so as to do different grades of work, from the coarsest down to the polishing or finishing.

Where the surface is flat, the ends of the frame may be used; but where the surfaces are curved, then the sides or bars will be used for the purpose of polishing or brightening them to any desired degree.

By means of our device a very handy, convenient, and cheap implement is produced that is adapted for brightening and polishing all kinds of surfaces.

Having thus described our invention, we claim—

1. The frame *a*, having a number of bars, each one of which has its outer side covered with emery, and adapted to be used as a handle, substantially as specified.

2. The oval frame *a*, having a number of bars, as described, and having one or both of its ends cut away, substantially as described.

In testimony that we claim the foregoing we have hereunto set our hands this 28th day of May, 1877.

JOHN O. MINOR.
CYRUS WOOLVERTON.

Witnesses:

M. M. LUCY,
JNO. F. HALE.