

J. PARRY.

FINISHING CAST-METAL HARNESS-TRIMMINGS.

No. 182,081.

Patented Sept. 12, 1876.

Fig. 1

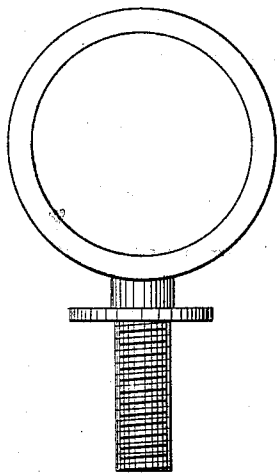
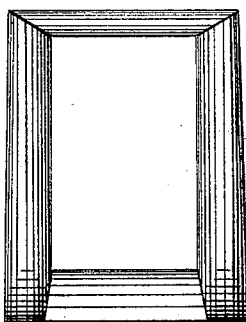


Fig. 2



Witness
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UNITED STATES PATENT OFFICE.

JOSEPH PARRY, OF NEWARK, NEW JERSEY, ASSIGNOR TO WIENER & CO.,
OF SAME PLACE.

IMPROVEMENT IN FINISHING CAST-METAL HARNESS-TRIMMINGS.

Specification forming part of Letters Patent No. **182,081**, dated September 12, 1876; application filed July 18, 1876.

To all whom it may concern:

Be it known that I, JOSEPH PARRY, of Newark, in the county of Essex and State of New Jersey, have invented an Improved Process for Manufacturing Harness and Carriage Trimmings, of which the following is a specification:

Figure 1 is a view of a harness-terret. Fig. 2 is a view of the frame of a buckle.

They represent parts of the work done by my improved process. The process is applicable to all kinds of harness and carriage trimmings.

In my process the compound metal trimmings, cast from patterns, are pickled off in proper acids, and placed in hard-metal dies of the required shape and pattern, and are struck up under a heavy hammer or press for a time, and are then taken out from the dies and annealed, when they are again struck up, and the same is repeated until the required surface is obtained.

This process closes up all the pores or defects in the casting, hardens, and makes dura-

ble the metal, and gives a smooth clean surface. There is added a large element of solidity, strength, and durability to the metal, making it far superior in itself—aside from the finishing—to any compound used for the purpose, and then the finish is such as can be obtained by no process in use, and at the same time the cost of finishing is materially lessened.

Therefore what I claim as my invention, and desire to secure by Letters Patent, is—

The new and improved process of finishing cast-metal harness and carriage trimmings, consisting in placing the various patterns, after they have been properly pickled off, in suitable dies under a hammer or press, and of again annealing and striking up until the desired surface is obtained, substantially as and for the purposes specified.

JOSEPH PARRY.

Witnesses:

HORACE HARRIS,
JOHN C. TUNBRIDGE.