

J. C. WELLS.

BEDS FOR LEATHER ROLLING MACHINES.

No. 176,763.

Patented May 2, 1876.

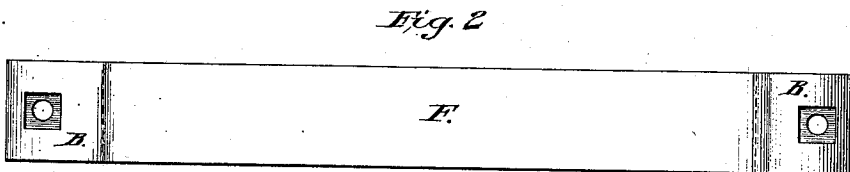
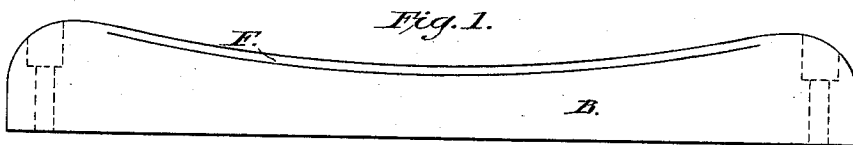


Fig. 3.



Attest:

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JAMES C. WELLS, OF WARREN, PENNSYLVANIA.

IMPROVEMENT IN BEDS FOR LEATHER-ROLLING MACHINES.

Specification forming part of Letters Patent No. **176,763**, dated May 2, 1876; application filed March 2, 1876.

To all whom it may concern:

Be it known that I, JAMES C. WELLS, of Warren, in the county of Warren and State of Pennsylvania, have invented a new and Improved Bed for Leather-Rolling Machines; and I hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

This invention relates to that class of rolling-machines which use a bed, on which the leather is placed, and then traversed by a vibrating or reciprocating roller on top of leather; and consists of certain improvements therein, which will be particularly described hereinafter.

In cast-iron roller-beds heretofore used, the leather is sometimes discolored by spots on the bed, occasioned by their becoming wet. This trouble was obviated by making the beds of brass, or of a composition not easily affected by moisture.

In order to obtain the requisite stiffness, beds of brass are necessarily heavy and very costly.

To cheapen the beds, and at the same time obtain a perfect arrangement, I designed this bed, in which is combined the advantages of

a composition face and the cheapness of a cast-iron bed.

Figure 1 is a side view of the device. Fig. 2 is a top view of same. Fig. 3 is a cross-section through middle of bed.

The cast-iron bed B, as shown in Fig. 1, is made with a recess in its upper side, of suitable depth to take in the plate or face F. The ends of this recess are cut under on lines inclining toward the center from which the curve is described, thus making a dovetail, into which the face F is driven. The ends of the recess also cross the top of bed at a slight angle to its sides, as shown in Fig. 2.

After the face is driven to its place it is still more securely fastened by hammering or drawing it until it is perfectly secured to bed, thus dispensing with bolts or rivets, and at all times firmly holding the face in place.

Having described my invention, I claim as new and wish to secure by Letters Patent—

An improved bed for leather-rolling machines, consisting of an iron base and a brass or other suitable metallic composition supporting-surface, secured to the base, substantially as shown and described.

JAMES C. WELLS.

Witnesses:

A. H. McKELVY,
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