

(No Model.)

P. H. SHINE.
PAINTING MACHINE.

No. 371,984.

Patented Oct. 25, 1887.

Fig. 1.

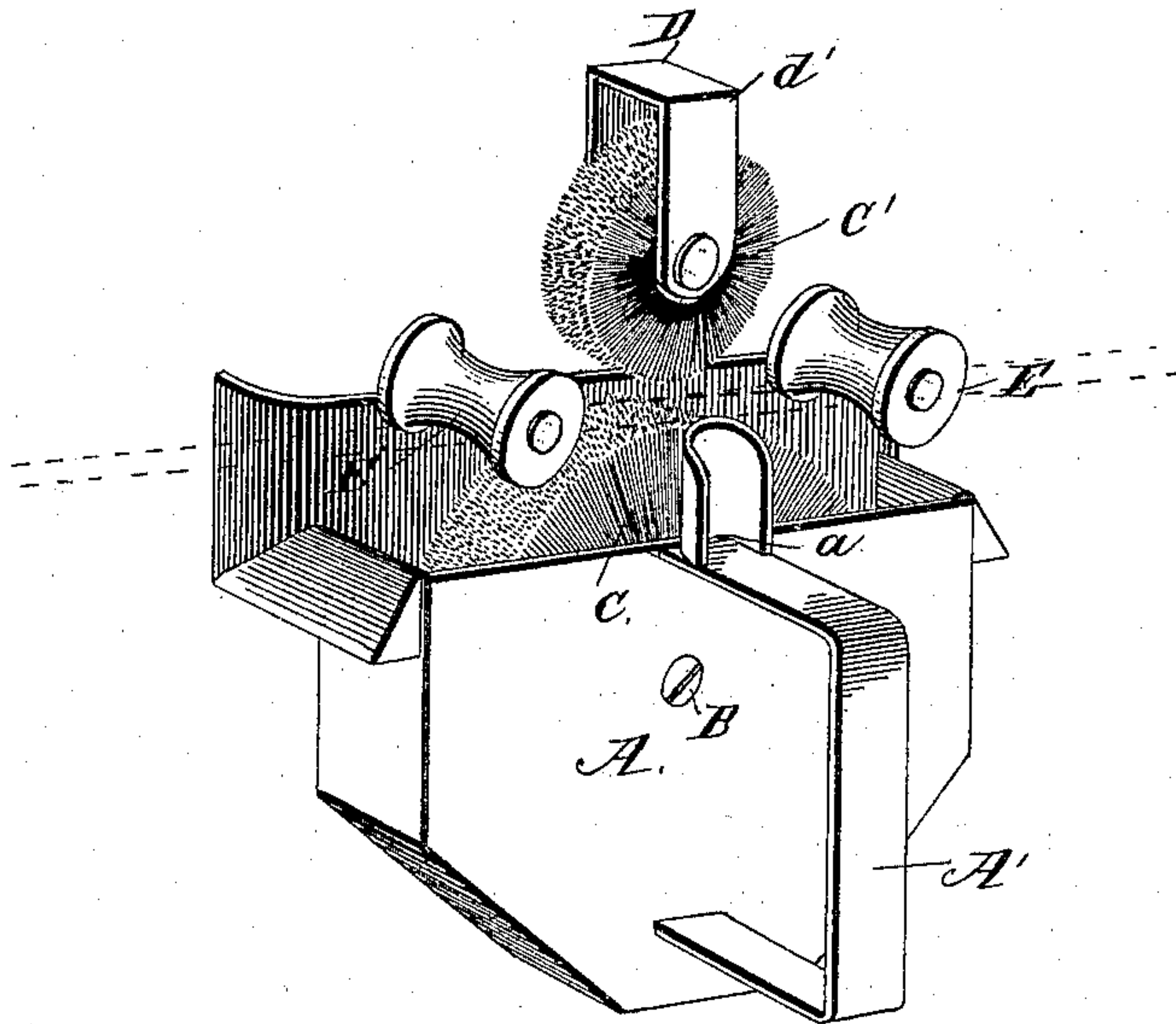


Fig. 2.

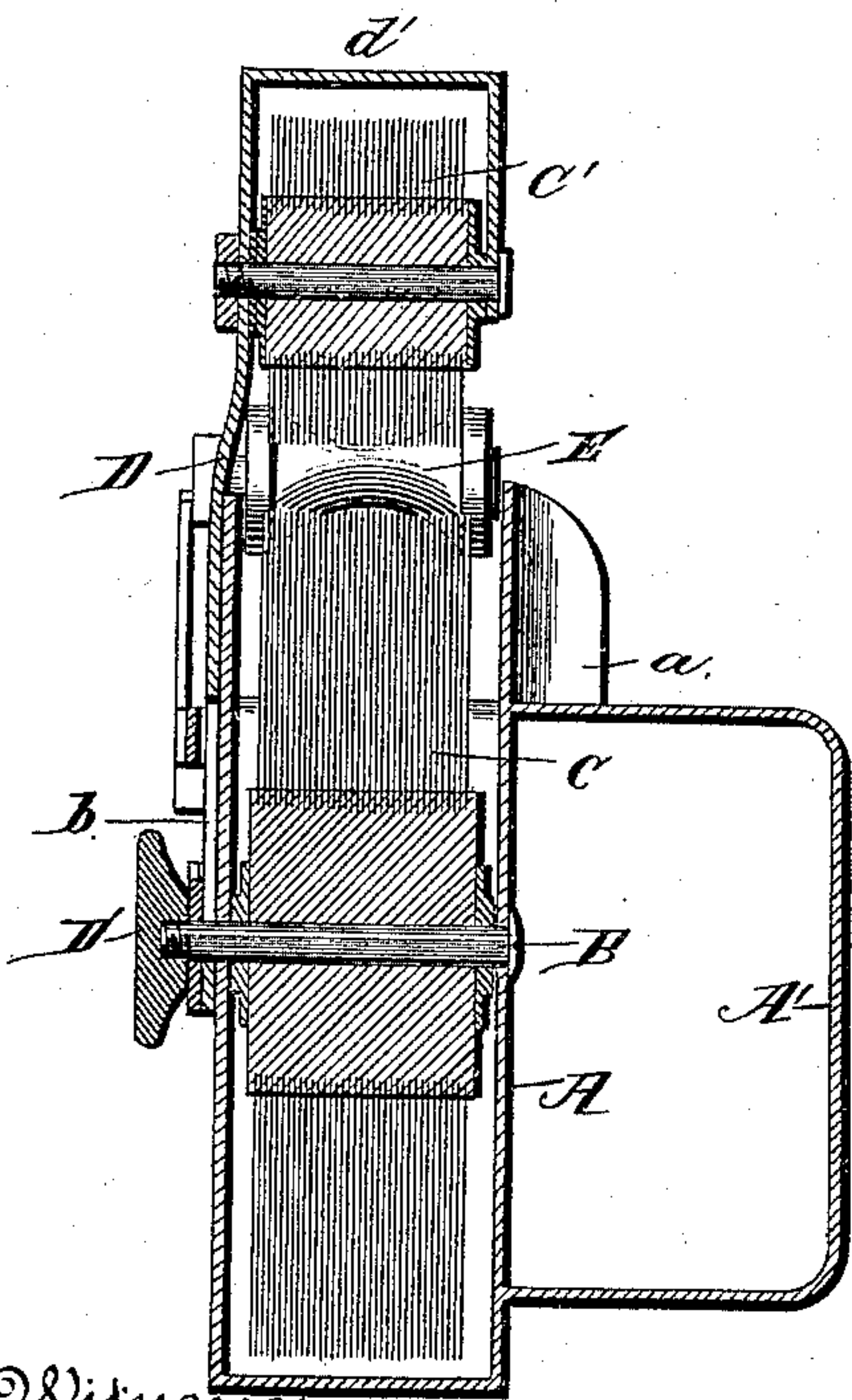
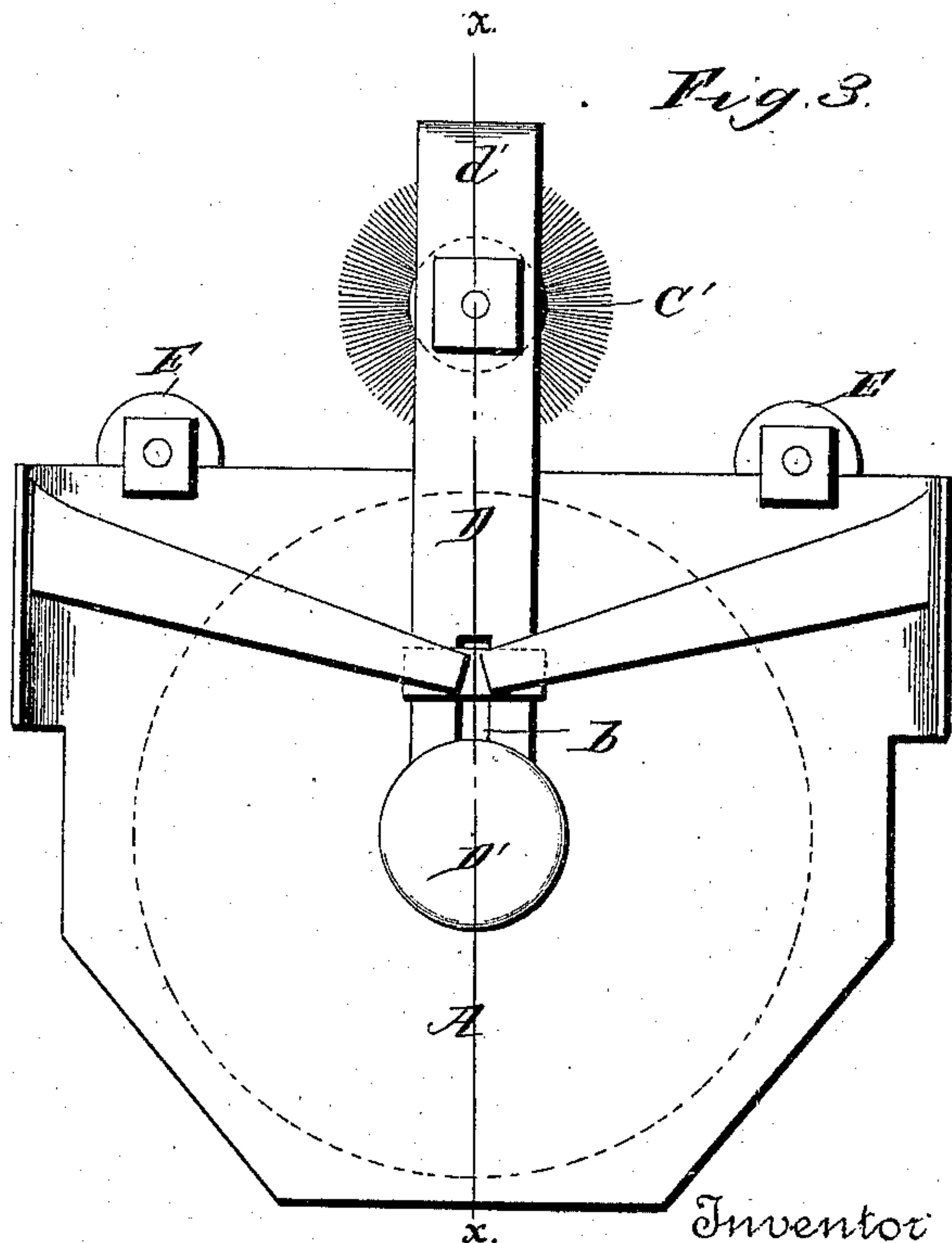


Fig. 3.



Witnesses
Geo. Thayer
D. P. Love

Inventor
P. H. Shine
By his Attorneys
C. H. Snowley

UNITED STATES PATENT OFFICE.

PATRICK H. SHINE, OF BLUE MOUND, ASSIGNOR TO THE MOUND CITY
MANUFACTURING COMPANY, OF MOUND CITY, KANSAS.

PAINTING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 371,984, dated October 25, 1887.

Application filed June 25, 1887. Serial No. 242,521. (No model.)

To all whom it may concern:

Be it known that I, PATRICK H. SHINE, a citizen of the United States, residing at Blue Mound, in the county of Linn and State of Kansas, have invented a new and useful Improvement in Painting-Machines, of which the following is a specification.

My invention relates to an improvement in painting-machines; and it consists in the construction and combination of the parts of the same, which will be more fully set forth hereinafter, and pointed out in the claims.

The object of my invention is to provide a painting-machine adapted to be used in connection with barbed wire for fences for applying paint thereto. I attain this object by the construction illustrated in the accompanying drawings, wherein like letters of reference indicate similar parts in the several views, and in which—

Figure 1 is a perspective view of my improved painting-machine with the wire shown in dotted lines. Fig. 2 is a transverse vertical section on the line *xx* of Fig. 3. Fig. 3 is a rear elevation of the machine.

A indicates an outer shell or casing, which is provided with a suitable handle, A', having a thumb-guard, *a*. The rear portion of the said casing A, on the side opposite to that upon which the handle A' is mounted, is projected upwardly to form a shield to prevent the paint from being spattered from the rear side of the said machine. The two ends of the machine at the top edges of the casing are provided with flanges of suitable inclination to allow of an easy passage of the barbed wire while the machine is being passed over the same.

In the lower portion of the casing a shaft, B, is mounted, which passes transversely across the same, said shaft B being constructed in the form of a screw-bolt. Upon this shaft B a brush-wheel, C, is mounted, which has revolution within the lower closed portion or paint-holder of the casing. An angular slotted standard, D, is secured to the back of the casing, the slotted portion *b* thereof being passed over the end of the bolt-shaft B, which is then engaged by a set-screw or clamping-nut, D'. The upper end of the standard D is formed with an angular bend, *d'*, in which a

smaller brush-wheel, C', is journaled and adapted to have engagement with the larger brush-wheel, C. The engagement of the two brush-wheels C and C' is governed by the adjustment of the standard D, as will be readily understood.

On each side of the standard D and of the upper brush-wheel, C', guide-rollers E E are secured, being mounted upon short shafts or bolts attached to the rear wall of the casing, which projects above the lower brush-wheel, C.

The operation of my improved device is as follows: The paint holder or casing A is supplied with a quantity of the desired color of paint and the two brushes are arranged in connection with the barbed wire, which is adapted to be situated between the said brushes. By taking hold of the painting-machine by means of the handle A' it is propelled over the wire and the paint distributed on the wire in this manner.

It will be observed that the upper brush-wheel, C', is one-third the diameter of the larger brush-wheel, C, and consequently revolves three times as fast. This wheel C' engages with the top portion of the wire, and by its rapid revolution and increased speed over the larger brush-wheel, C, operates to cover or coat the upper surface of the wire with the paint, while the lower brush-wheel covers the under side of the wire.

The parts of the machine are constructed in such a manner that an easy passage will be obtained during the propulsion of the machine, the barbs passing under the guide-rollers E E, as will be readily understood.

The novelty and utility of my improved device being obviously apparent and appreciable, it is unnecessary to further enlarge upon the same herein.

It is obvious that many minor changes in the construction and combination of the several parts may be made and substituted for those shown and described without in the least departing from the nature and principle of my invention.

Having thus described my invention, I claim—

1. The combination, with the casing, of the end guides or guards, the handle having a

thumb-guard in connection therewith, and the rear extended portion, as set forth, substantially as described.

2. The casing A, having the rear extended portion and the end guards or flanges to allow the easy passage of the wire, the guide-rollers journaled in the rear extended portion of the casing, the adjustable standard D, carrying the upper brush-wheel, C', and the lower brush-wheel, C, working in the casing, as set forth.

3. The combination of the casing having the end guides or guards, the lower brush-wheel journaled in the casing, the standard adjustably secured to the rear side of the casing, and the upper brush-wheel journaled in the upper end of the standard, substantially as specified.

4. The combination, with the casing, of the

shaft B, journaled therein and projecting through the rearside thereof, the brush-wheel C, mounted on said shaft, the standard D, having its lower slotted end passing on opposite sides of the shaft B, the brush-wheel C', journaled in the upper end of the standard, and the thumb-nut D', turning up against the standard on the end of the shaft B, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

PATRICK H. SHINE.

Witnesses:

R. S. THOROMAN,

H. P. DUGAN.