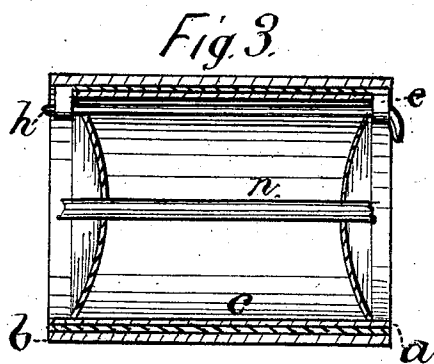
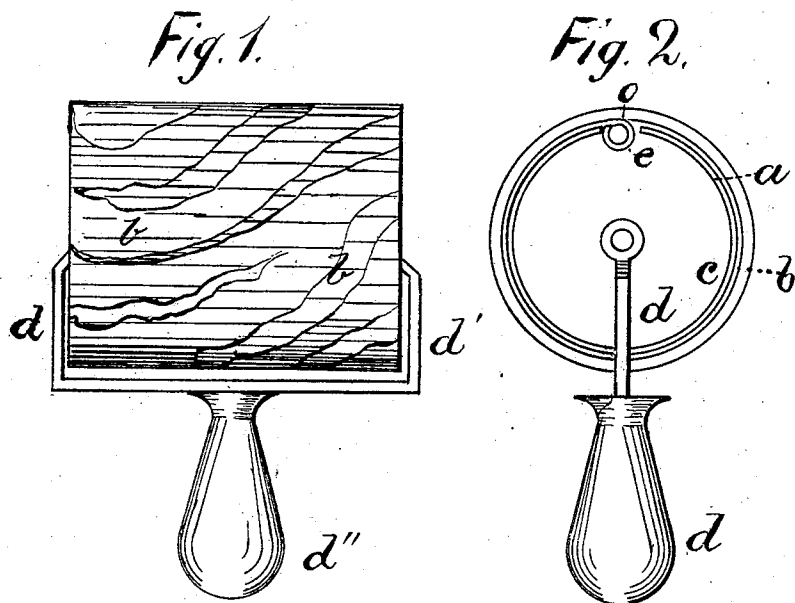


J. CARR.
Graining Rollers.

No. 152,212.

Patented June 23, 1874.



Witnesses.

Fred Uerbe

J. M. McDonald

John Carr Inventor
by C. E. McDonald
his atty

UNITED STATES PATENT OFFICE.

JOHN CARR, OF INDIANAPOLIS, INDIANA.

IMPROVEMENT IN GRAINING-ROLLERS.

Specification forming part of Letters Patent No. **152,212**, dated June 23, 1874; application filed April 16, 1874.

To all whom it may concern:

Be it known that I, JOHN CARR, of the city of Indianapolis, county of Marion, State of Indiana, have invented an Improvement in Graining-Rollers, of which the following is a specification:

The nature of the invention consists in the construction of a graining-roller with an outside sheath or case, composed of a sheet-metal cylinder and leather or other suitable material, so arranged that it can be put on and taken off of the body of the roller at pleasure, substantially as hereinafter described.

Figure 1 is a side view of the device; Fig. 2, an end view of same; Fig. 3, a sectional view of the roller.

A plain cylinder, of sheet metal or other suitable material, is constructed so that it will revolve around an axis, *n*, which attaches it to the straps *d* and *d'*, and the handle *d''*. This is a vehicle to carry the combined sheaths *a b*. The exterior portion, *b*, of the sheath or case is made of leather, and engraved to imitate the grain of some kind of ornamental wood. The interior portion, *a*, is a plain cylinder of sheet metal. Both sheaths have their edges at *o*, the sheath *a* being cemented to the sheath *b*. *e* is a loop on one of the edges of *b*. There are four of these loops, so arranged that when the combined sheaths *a b* have been

closed on the interior cylinder *c*, the pin *h*, passing through all the loops and under the edge of *c*, holds the sheaths *a b* firmly in place. As soon as the pin *h* is withdrawn, the combined sheaths *a b* are free to be taken off from the body *c*, and replaced by others differently engraved. In this way the operator can make one handle and interior cylinder do for making as many different imitations of wood as he desires.

This device is otherwise used as any ordinary graining-roller.

I claim—

1. A graining-roller composed of a body-cylinder, *c*, sheet-metal inclosing-sheath *a*, and exterior leather sheath *b*, having an engraved surface, loops *e*, and pin *h*, all combined and arranged substantially as described.

2. In combination with a body-cylinder, *c*, of a graining-roller, the combined removable sheaths *a b*, constructed and arranged to operate substantially as and for the purpose set forth.

In testimony that I claim the foregoing specification I have hereunto set my hand this 13th day of March, 1874.

J. CARR.

Witnesses:

FRED. WERBE,
F. M. M'DONALD.