

(No Model.)

J. HAMMERL.

GRAINING TOOL.

No. 285,999.

Patented Oct. 2, 1883.

Fig. 1.

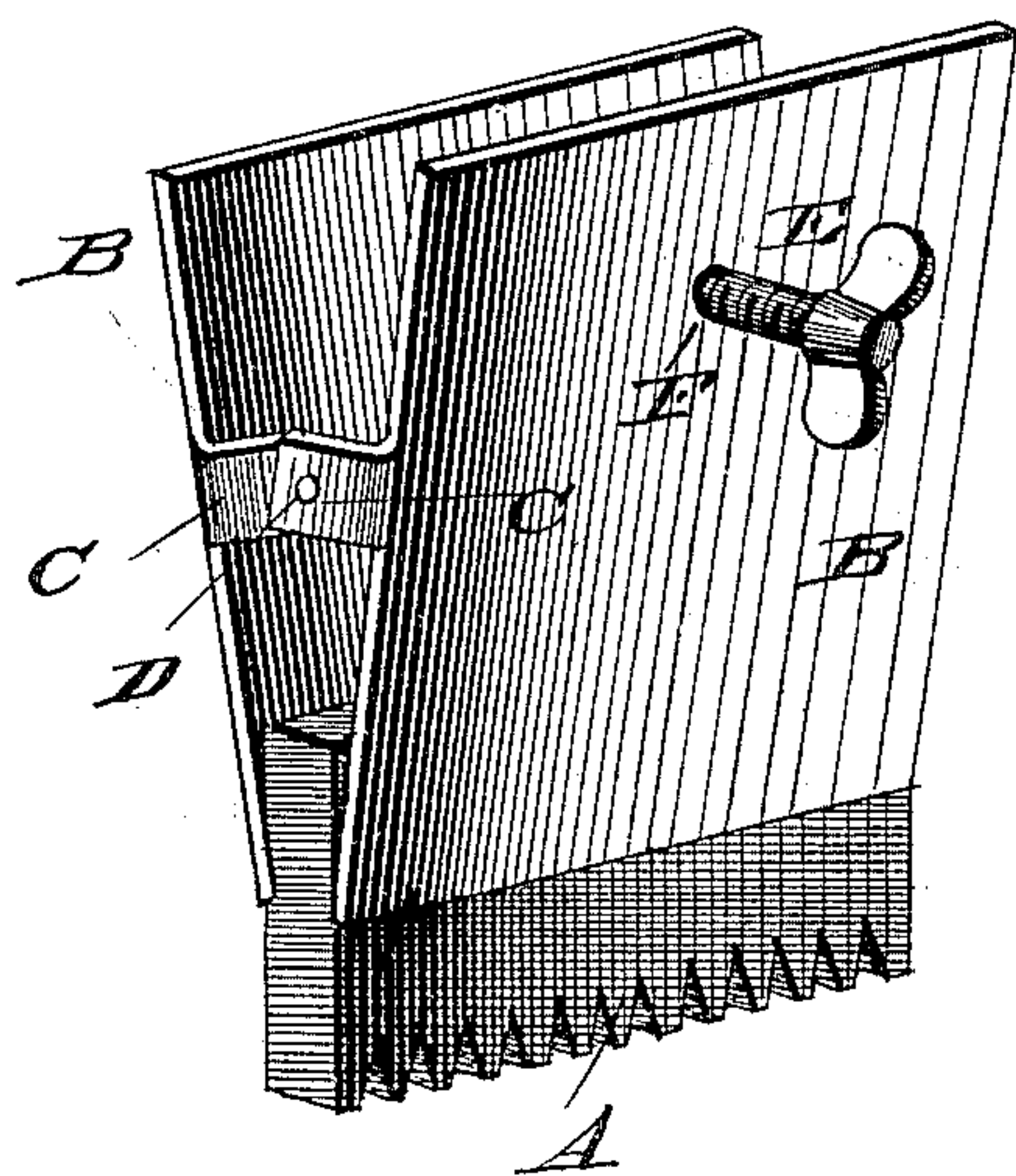


Fig. 2.

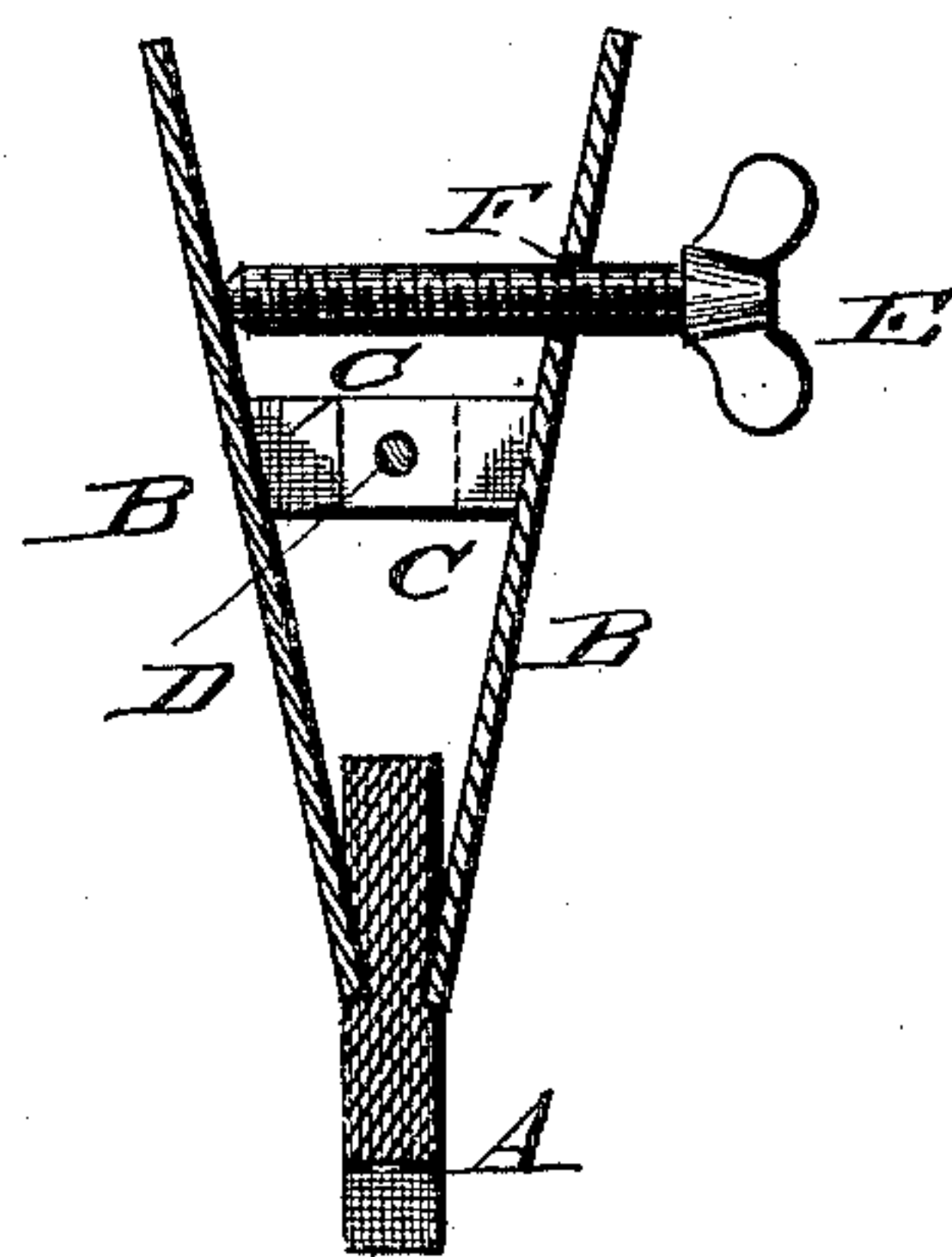
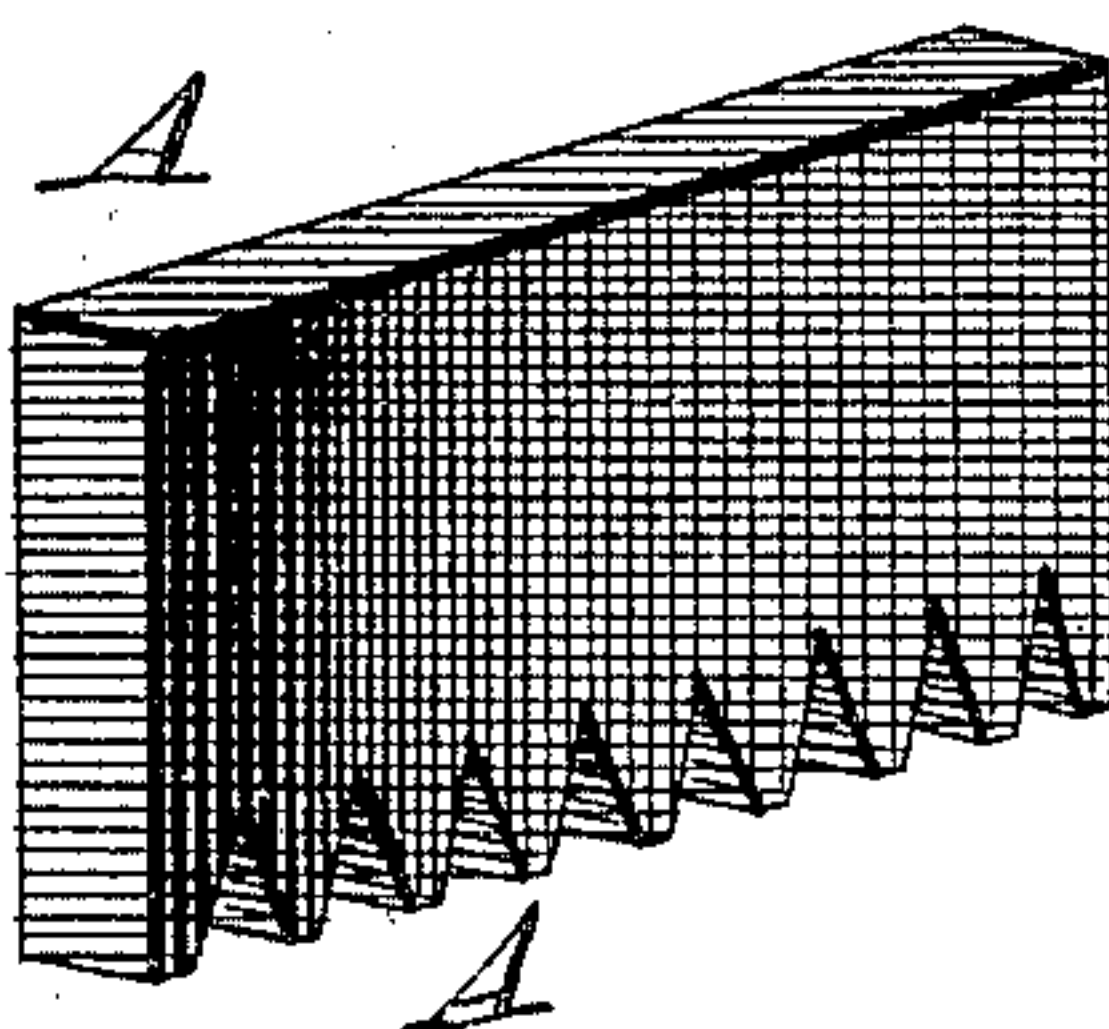


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

JOSEPH HAMMERL, OF LONG ISLAND CITY, NEW YORK.

GRAINING-TOOL.

SPECIFICATION forming part of Letters Patent No. 285,999, dated October 2, 1883.

Application filed March 20, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH HAMMERL, of Long Island City, in the county of Queens and State of New York, have invented certain new and useful Improvements in Graining-Tools; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved graining-tool. Fig. 2 is a longitudinal vertical section of the same, and Fig. 3 is a detail view of the serrated felt.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to graining-tools; and it consists in certain improvements upon the graining-tool for which Letters Patent No. 273,516 were granted to me on the 6th day of March, 1883, as hereinafter more fully described and claimed.

In the above-mentioned graining-tool the absorbent material, which is preferably felt, is fastened upon the handle or comb, so that when it is worn out, or has become useless in any other manner, the entire tool becomes useless, or, at any event, has to have the absorbent material removed from it and new material glued or otherwise fastened upon it; and to obviate this difficulty I construct a clamp adapted to hold the material between two jaws forced together by means of a screw, E, as shown in the accompanying drawings, where the letter A indicates a piece of absorbent material, preferably felt, serrated at the edge to form finer or coarser *serra* or teeth, as desired, according to the nature of the work to be done.

B B are two metallic plates, having each, upon the middle of the edges of their sides, two inward-turned perforated lips or lugs, C,

through which a pin or bolt, D, passes, connecting the lugs upon the two plates and forming a hinge upon which the plates rock. A thumb-screw, E, passes through a female-threaded hole, F, in the outer end of one of the plates, and bears with its inner end against the other plate, forcing the ends apart, which closes the other ends or jaws of the plates, clamping the serrated piece of felt.

If the tool is to be used in corners, I use a clamp or holder, the plates of which are cut in the shape of a rhomb, enabling the painter to draw the tool in corners and hollows with greater ease and without danger of touching the other side of the corner with his hand or with the tool, as when using the tool having rectangular plates.

It will be seen that by thus clamping the absorbent between two movable jaws, pieces of felt having wider or narrower spaces between their teeth may be used in the same handle, and likewise different pieces may be used in the same handle for different colors of paint.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The improved graining-tool herein shown and described, composed of a pair of hinged flat plates, B B, of suitable shape, thumb-screw E, inserted through a threaded aperture, F, in one of the plates, and bearing with its inner end against the plate opposite, and a serrated piece of absorbent material, A, clamped removably between the lower end of the plates.

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

JOSEPH HAMMERL.

Witnesses:

J. HARVEY SMEDLEY,
J. ROB. LAWS.