

H. C. WHITE.
Improvement in Graters.

No. 114,070.

Patented April 25, 1871.

Fig. 1.

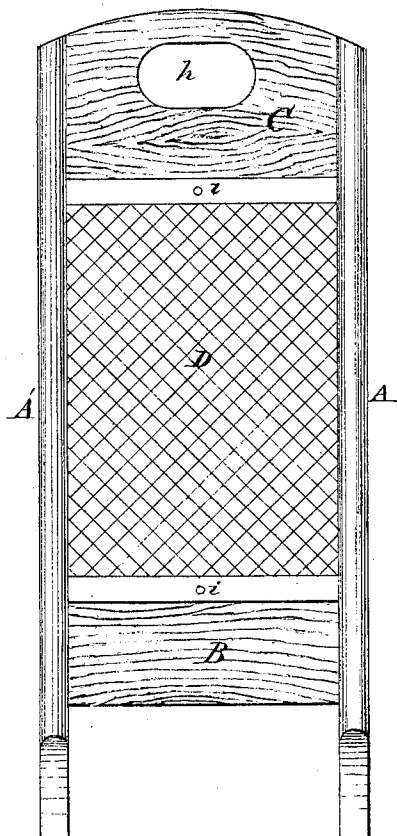


Fig. 2.

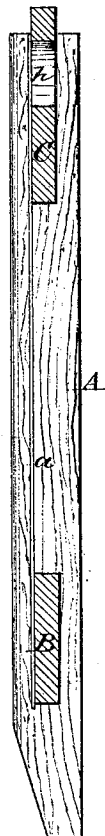


Fig. 3.



Witnesses:
Charles B. Thomas
James H. Reese

Henry Clay White. Inventor.

UNITED STATES PATENT OFFICE.

HENRY CLAY WHITE, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO
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IMPROVEMENT IN GRATERS.

Specification forming part of Letters Patent No. **114,070**, dated April 25, 1871.

To all whom it may concern:

Be it known that I, HENRY CLAY WHITE, of the city and county of Philadelphia, and State of Pennsylvania, have made a new and useful Improvement in Graters, suitable for use as a domestic grater; and I hereby declare the following to be a full and exact description of the same, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is a perspective and plan view. Fig. 2 is a longitudinal, and Fig. 3 a cross, section.

In general form and arrangement my invention does not differ from such as are now in use. The grating-surface is a sheet of tin punched in the usual manner.

The object of my invention is to make an implement of a size sufficient for general household use, which shall be cheap, strong, and durable, and which can be manufactured on a large scale, mostly by machinery.

My grater is composed of a frame having grooves in the side pieces and a grater-plate. The frame is composed of four pieces. The side pieces, A A', have each a sawed groove, *a*, extending from the top to the lower cross-piece, B. The upper cross-piece, C, has a hole, *h*, which serves as a handle, and also to hang the grater in its proper place on a pin or hook. The cross-pieces B and C are fastened to the

side pieces, A A', so that their upper surfaces are flush with the lower sides of the grooves *a a*.

The grater-plate D is a plain sheet of metal, tin-plate preferred, punched in the usual way. It is slipped into the grooves *a a* in the frame, and is of sufficient length that its upper and lower borders lap over the top and bottom pieces, C and B. One or more tacks, *i*, in the upper and lower borders of the grater-plate fasten it to the cross-pieces.

If the grater-plate becomes worn, by drawing the tacks *i* the plate may be slipped out of the grooves *a a* and a new one inserted. The cost of a new grater-plate is but a few cents.

The parts of the frame are fastened together either by mortise and tenon, or, more simply, by nails or screws, through the sides A A' into the cross-pieces B and C.

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

The grater herein described, composed of side pieces, A A', with longitudinal grooves *a a*, cross-pieces B and C, and grater-plate D, the whole arranged and combined substantially as set forth.

HENRY CLAY WHITE.

Witnesses:

CHARLES B. THOMAS,
JAMES H. REESE.