

W. HURD.
Device for Exhibiting Wall Paper.
No. 211,237. Patented Jan. 7, 1879.

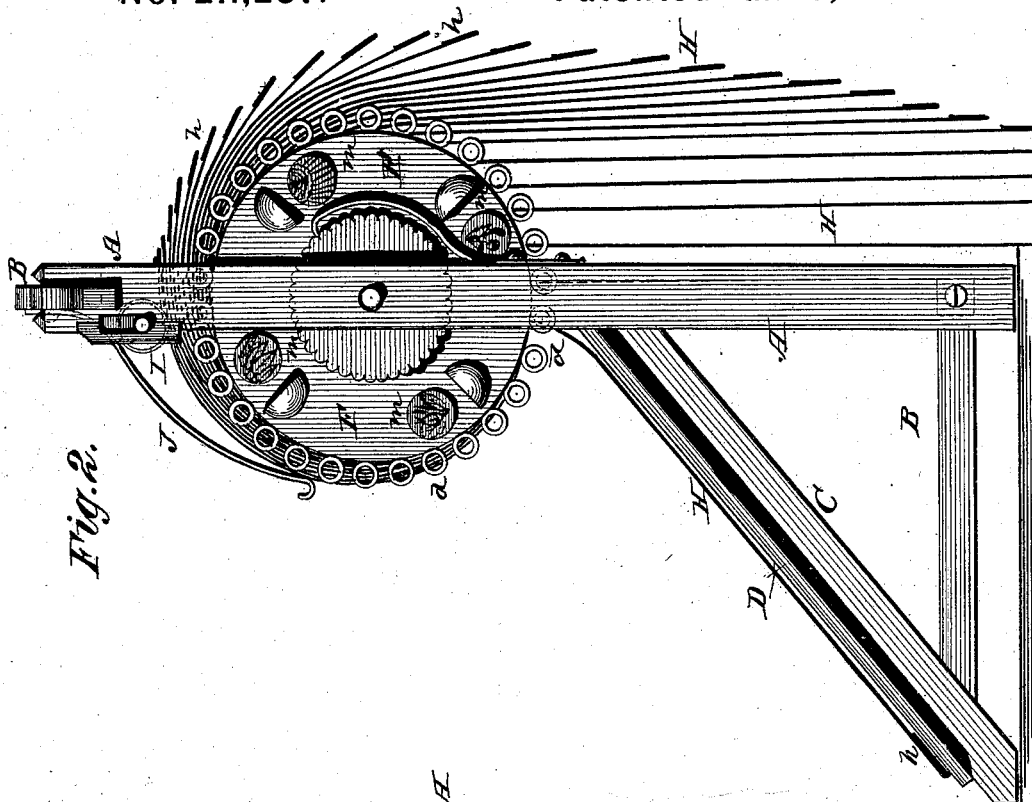


Fig. 2.

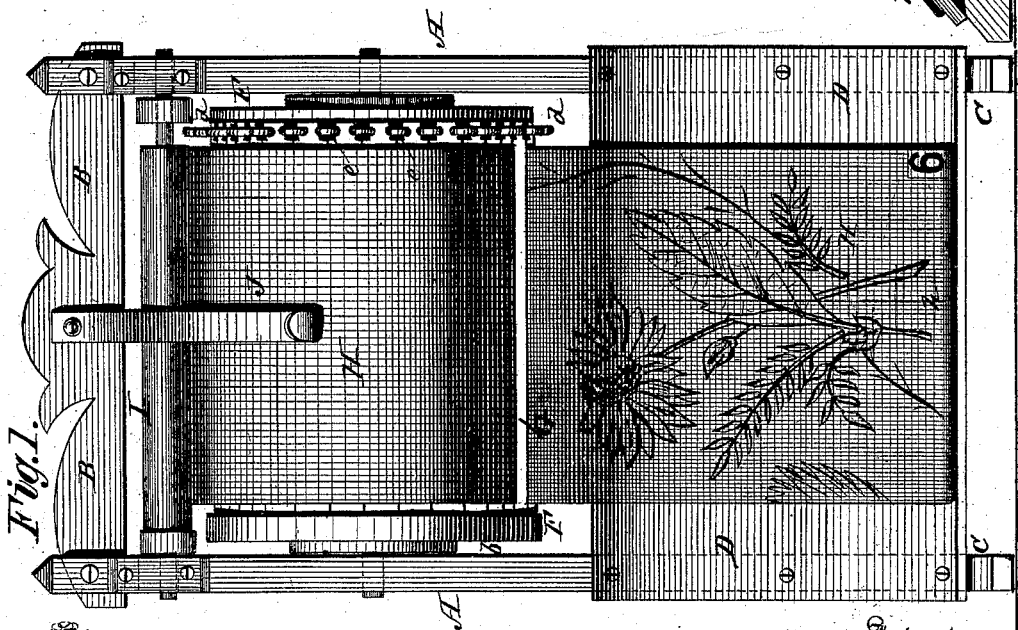


Fig. 1.

Witnesses:

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Inventor:

Warren Hurd.

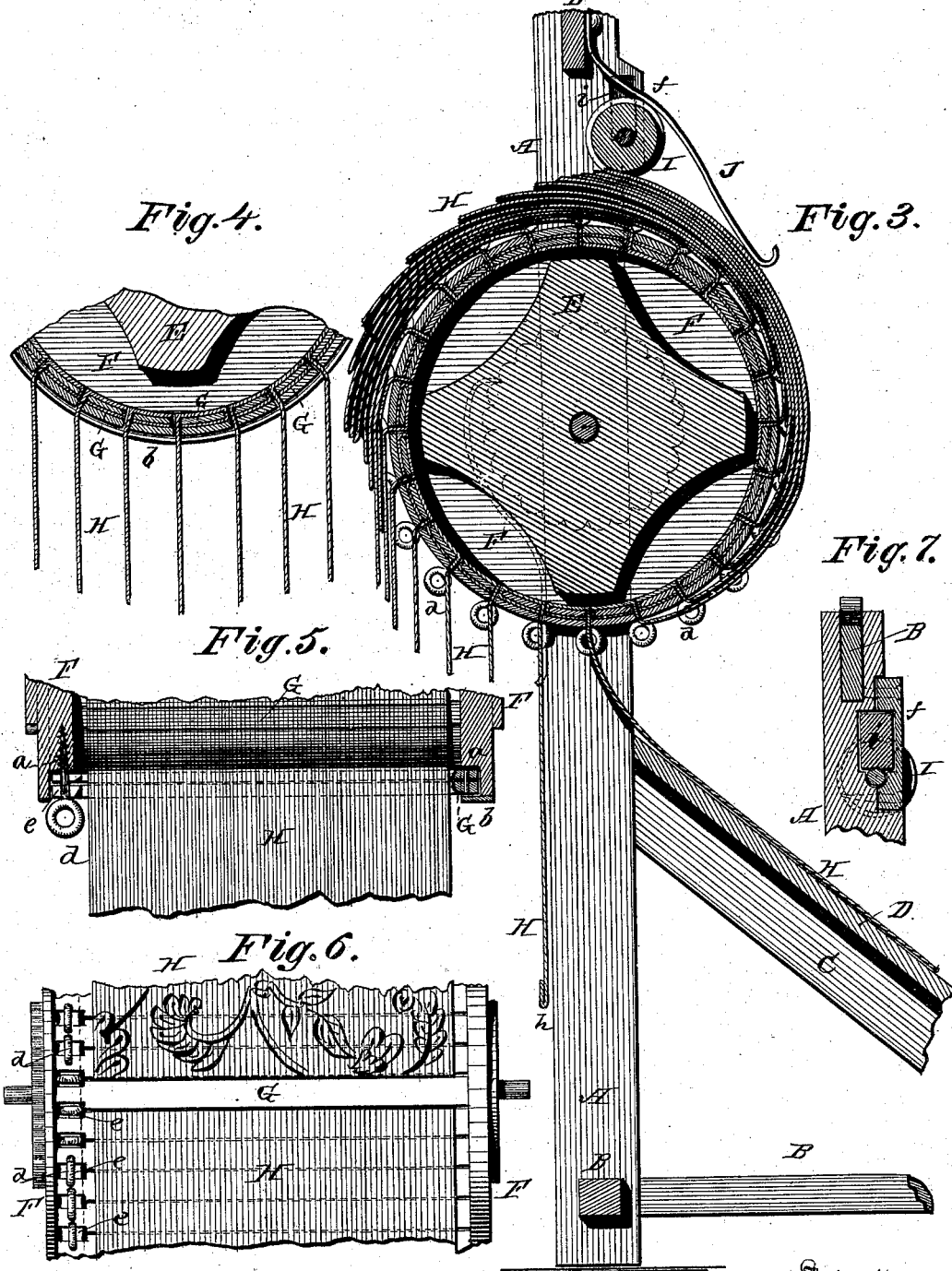
Per *C. H. Watson & Co.* Attorneys.

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UNITED STATES PATENT OFFICE.

WARREN HURD, OF WATKINS, NEW YORK, ASSIGNOR TO HIMSELF AND
SIMEON B. BROWN, OF SAME PLACE.

IMPROVEMENT IN DEVICES FOR EXHIBITING WALL-PAPER.

Specification forming part of Letters Patent No. 211,237, dated January 7, 1879; application filed
November 27, 1878.

To all whom it may concern:

Be it known that I, WARREN HURD, of Watkins, in the county of Schuyler and State of New York, have invented certain new and useful Improvements in Devices for Exhibiting Wall-Papers, &c.; and I do hereby declare that the following is a full, clear, and exact description thereof, 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, and to the letters of reference marked thereon, which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a device for exhibiting wall-paper and for other purposes, as will be hereinafter more fully set forth.

In the annexed drawings, which fully illustrate my invention, Figure 1 is a front elevation of my machine. Fig. 2 is a side elevation, and Fig. 3 a transverse vertical section, of the same. Figs. 4, 5, 6, and 7 are detailed views of parts thereof.

The frame of my machine consists of two upright standards, A A, connected at or near the top and bottom by cross-bars B B. Inclined braces or arms C C extend from these standards to the ground, and support an inclined plane or platform, D, over which the wall-paper is to be exhibited.

In the standards A A, a suitable distance above the upper edge of the inclined platform D, is hung a drum, composed of a central piece, E, with head F at each end. These heads are rabbeted around their circumference, forming interior shoulders, *a a*, as shown in Fig. 5, upon which the clamps for holding the samples of wall-paper are to rest. One of the heads F is provided with a circumferential band, *b*. Each clamp consists of two bars, G G, connected at one end by a rivet or other suitable means, while the other end of the clamp is cut away on both sides, as shown at *e e* in Fig. 6. The sample H is passed around one bar of the clamp, substantially as shown, in Figs. 3 and 4, and the other bar then closed over it, when one end of the clamp is inserted under the band *b* on the shoulder *a*, and the cut-away end of the clamp laid on the corre-

sponding shoulder of the other head, and then held by means of eye-screws *d d*. These screws are arranged in the head F, so that by simply giving them one-fourth of a turn the cut-away end of the clamp can pass between them, and by turning the screws another one-fourth their heads will lock the clamp in place.

The cylinder and clamps may be of any desired size, according to the width of the samples.

Above this cylinder is a small roller, I, which has its journals placed in vertically-slotted bearings *f f*, attached to or formed in the standards; and over each journal is a rubber or other spring, *i*, for giving proper tension to the roller to hold the paper-samples on the drum.

The samples H are all cut of the same length, which allows one to lap the other as the samples are wound around the drum; admitting one to fall at a time, the samples being received from the drum on the inclined plane or platform. The lower ends of the samples are pasted over, as shown at *h*, which answers as a protection to the edges, and also for a guide, so that any sample from the back of the rack can be readily found.

On the outer side of one or both of the heads are pasted samples, as represented at *m*, to serve as an index when more than one grade of paper is to be shown on the rack.

The drum or cylinder is at one end provided with ordinary ratchet and pawl, to prevent it turning in the wrong direction.

J is a spring, attached to the top cross-bar of the frame in such a manner that it may be turned around to hold samples from falling when two or more are out from under the small roller I. This spring can be turned up when not in use.

This invention is not only intended for exhibiting wall-paper, but can also be used for window-paper, shades, oil-shades, oil-cloths, dry-goods, show-bills, &c.; and I also may attach clock-work to propel it.

In some cases I may dispense with the clamps G, and provide the drum with a covering of muslin, to which the samples may then be pasted.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a machine for exhibiting wall - paper and for similar purposes, the combination of a drum or cylinder with removable clamps for holding the samples, and an incline plane or platform, over which the samples are passed, substantially as herein set forth.

2. The combination of the drum E F, having circumferential shoulders *a a* in the heads F, the band *b*, a series of clamps, G G, having cut-away ends *e*, and the eye-screws *d*, sub-

stantially as and for the purposes herein set forth.

3: In combination with the drum E F, provided with the clamps holding the samples, the yielding roller I and movable spring J, as set forth.

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

WARREN HURD.

Witnesses:

E. G. WARNER,
M. L. BENNETT.