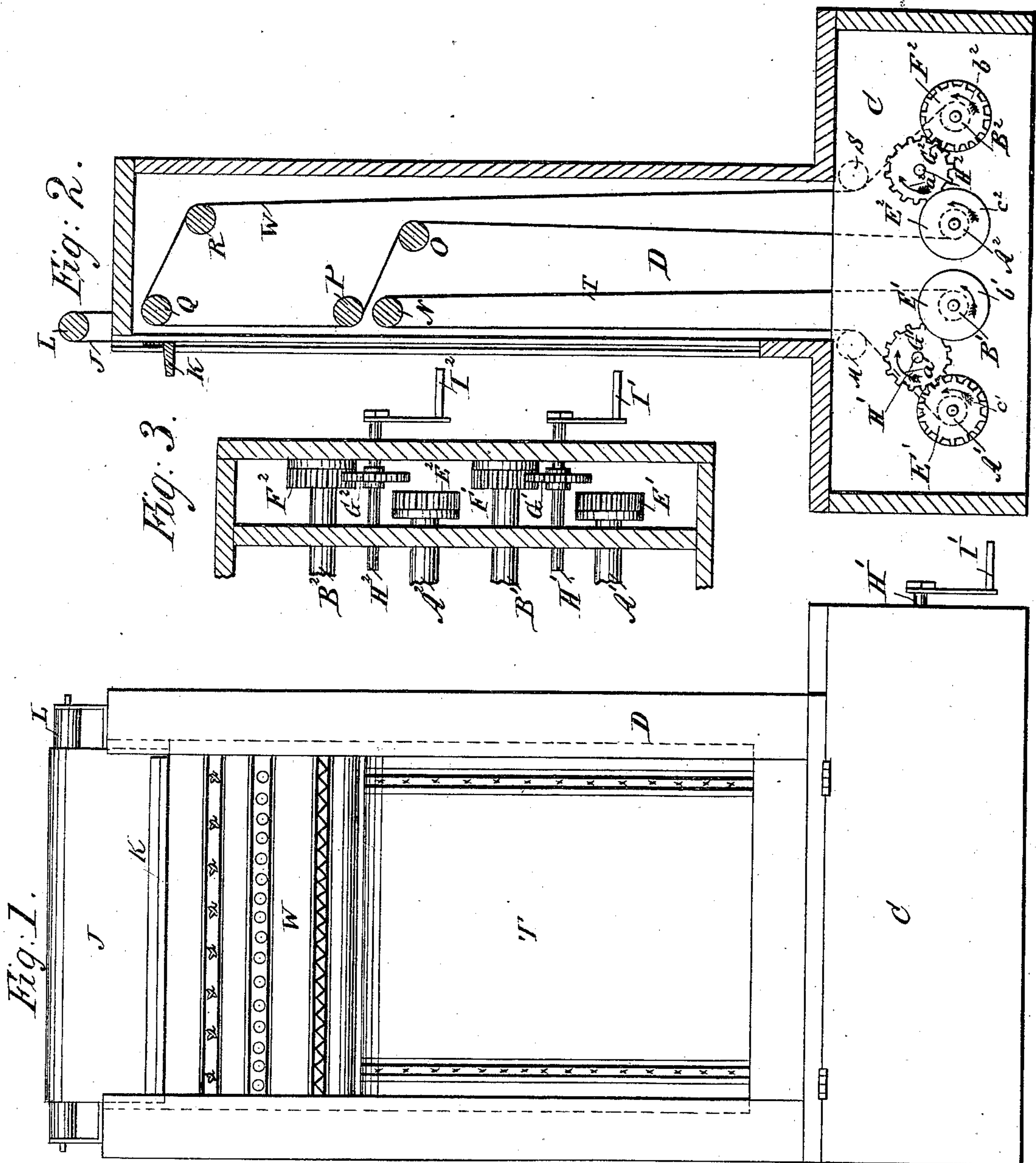


(Model.)

L. A. RIDGWAY.  
Sample Exhibitor.

No. 232,064.

Patented Sept. 7, 1880.



WITNESSES:  
*A. Schehl.*  
*C. Sedgwick*

INVENTOR:  
*L. A. Ridgway*  
BY *Munn & Co*  
ATTORNEYS.



# UNITED STATES PATENT OFFICE.

LEMUEL A. RIDGWAY, OF MANSFIELD, PENNSYLVANIA, ASSIGNOR TO  
FRANK E. RIDGWAY, OF MARION CENTRE, KANSAS.

## SAMPLE-EXHIBITOR.

SPECIFICATION forming part of Letters Patent No. 232,064, dated September 7, 1880.

Application filed April 5, 1880. (Model.)

*To all whom it may concern :*

Be it known that I, LEMUEL A. RIDGWAY, of Mansfield, Tioga county, State of Pennsylvania, have invented a new and Improved Sample-Exhibitor, of which the following is a specification.

The object of my invention is to provide a new and improved exhibitor by means of which wall-papers and their borders and other articles may be conveniently exhibited in close connection and in any desired combination, whereby the exact effect of the harmony or contrast of colors may be seen, and thus facilitate a satisfactory selection.

In the accompanying drawings, Figure 1 is a front elevation of my improved sample-exhibitor. Fig. 2 is a cross-sectional elevation of the same, and Fig. 3 is a plan view of the mechanism for rotating the drums.

Similar letters of reference indicate corresponding parts.

The drums  $A'$   $B'$  and  $A^2$   $B^2$  are mounted on the base  $C$  of a case or frame,  $D$ , and are provided with the flanged spur-wheels  $E'$   $F'$  and  $E^2$   $F^2$ , which have teeth facing each other, and which engage with the spur-wheels  $G'$  and  $G^2$ , mounted on the sliding shafts  $H'$   $H^2$ , provided with the cranks  $I'$  and  $I^2$ , respectively.

The case  $D$  is provided with a large front opening, which may be closed by a curtain,  $J$ , provided with a wide projecting bottom strip,  $K$ , painted white on the under side, and fitting into grooves in the sides of the opening in the case  $D$ . The curtain  $J$  passes over a roller,  $L$ , which is rotated by some suitable means, so that the curtain can be raised or lowered as desired.

Any desired number of samples about a yard or less in length are pasted together, end to end, or upon a piece of muslin. The long strip  $T$  thus formed is fastened with one end onto the drum  $A'$ , is passed under the roller  $M$ , over the roller  $N$ , which is mounted at about two-thirds of the height of the opening of the case, and down onto the drum  $B'$ .

The borders are pasted upon a roll of muslin or on the back of strong wall-paper, and the end of this roll is pasted onto the drum  $A^2$ , is

passed up over the roller  $O$ , under and in front of the roller  $P$ , mounted directly above the roller  $N$ , over the roller  $Q$ , mounted on the top of the case, over the roller  $R$ , under the roller  $S$ , mounted at the bottom of the rear side of the case, and is then fastened on the drum  $B^2$ .

The rollers are so arranged that the samples of wall-paper occupy about two-thirds of the opening of the case  $D$  and the borders occupy about the upper third.

The operation is as follows: Assuming that all the samples of wall-paper forming the strip  $T$  are on the drum  $B'$ , the shaft  $H'$  is pushed inward so that the spur-wheel  $G'$  engages with the wheel  $E'$ . The crank  $I'$  is turned from left to right, as indicated by the arrow  $a'$ , and thus by the action of the spur-wheels upon each other rotates the wheel  $E'$  and the drum  $A'$  from right to left, as indicated by the arrow  $c'$ , and consequently the samples are wound from the drum  $B'$  onto the drum  $A'$ , passing downward in the opening of the case  $D$ . If all the samples are on the drum  $A'$ , the shaft  $H'$  is drawn outward, so that the spur-wheel  $G'$  engages with the wheel  $F'$ . If the crank  $I'$  is now rotated from right to left, the wheel  $F'$  and drum  $B'$  will rotate from left to right, and the samples will be wound from the drum  $A'$  and onto the drum  $B'$ .

The movements of the drums  $A^2$  and  $B^2$  are similar, as is indicated by the arrows  $a^2$   $b^2$   $c^2$ .

The curtain  $J$  is raised before the samples are exhibited, and closed as soon as the exhibition is over, to protect the samples from dust. As the under side of the projecting bottom strip,  $K$ , is painted white, it shows how the several borders will harmonize in color with the white ceiling.

Any number of samples can be exhibited with the exhibitor in a short time, and will show them very clearly. It may also be used for other similar articles, such as fine carpet, lace, curtains, cloth, &c.

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

An exhibitor consisting of the case  $A$ , with a front opening, and the adjustable curtain  $J$ ,

and having the strips or bands of samples T  
W attached, respectively, to the drums A' B'  
and A<sup>2</sup> B<sup>2</sup>, and passed over the guide-rollers,  
as described, to expose portions of each band  
5 at the opening, the one above the other, and the  
sliding shafts H' H<sup>2</sup>, carrying the spur-gears  
G' G<sup>2</sup>, adapted to engage with the gears upon

the drum-shafts, so as to move the bands in-  
dependently in either direction, all as shown  
and described.

LEMUEL A. RIDGWAY.

Witnesses:

E. E. WEBSTER,

WM. MARSHALL.