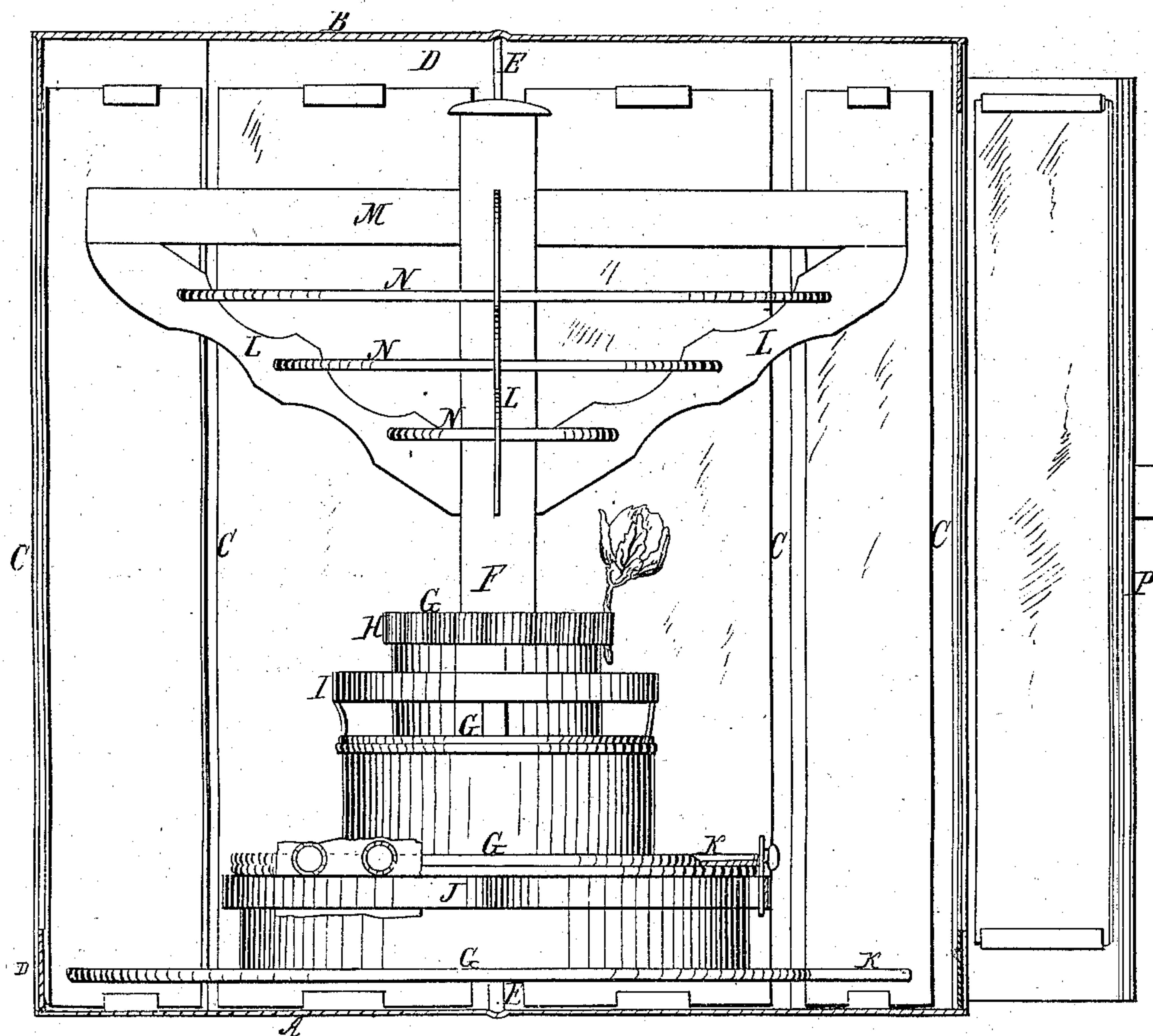


J. Haines,
Show Case,
N^o 56,931. Patented Aug. 7 1866



Witnesses;
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By his Attorney J. Dennis Jr.

UNITED STATES PATENT OFFICE.

JOEL HAINES, OF WEST MIDDLEBURG, OHIO.

IMPROVED SHOW-CASE.

Specification forming part of Letters Patent No. 56,931, dated August 7, 1866.

To all whom it may concern:

Be it known that I, JOEL HAINES, of West Middleburg, Logan county, State of Ohio, have invented a new, useful, and Improved Show-Case for Exhibiting Goods; and I do hereby declare the following description and accompanying drawing are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention or improvements without further invention or experiment.

The nature of my invention and improvements consist in a frame set with glass, forming a case, provided with a series of circular shelves made gradually smaller from the bottom to about half the height of the case, above which shelves there is a frame-work made gradually larger to the top of the case, both the shelves and the frame being arranged to revolve or turn on journals affixed to the center of the shelves and frame.

The accompanying drawing represents my improved show-case with its revolving shelves and frame, the rear half of the case only being shown, with the door open.

In the drawing, A is the bottom of the case, and B the top, supported by the posts C C, the top and bottom being provided with flanges D D. The form of the top and bottom is octagonal; but they may be made in any other form that may be preferred, and fitted to receive the pivots E E of the upright shaft F. Around the lower portion of this shaft I fasten a series of shelves, G G, the lower one being large enough to turn conveniently inside the case and the others gradually smaller in succession to the top one, which has a piece of tin, H, looped around it to receive the stems of flowers, as shown in the drawing, or other articles to be shown and exhibited.

The shelf G next to the top one has the railing I around it to support and hold such articles as may be put upon it for exhibition, and the shelf G next to the lower one has brackets J around it to hold cards of buttons or other articles for exhibition. Each of the shelves G may be provided with a flange, as

shown at K K, to prevent the articles put on them from rolling off when the shelves are turned.

Above the shelves I make a frame or rack by fastening four arms, L L, to the shaft F, in the position shown in the drawing, and connect the upper ends of the arms by a circular hoop, M, and perforate the arms L for the series of hoops N N, which are made gradually smaller, as shown in the drawing. Upon all these hoops or rings samples of cloths, ribbons, or other articles may be hung for exhibition, and there may be a broad shelf inside of the hoop M, on which the rolls or pieces of goods may be laid with one end hanging over the hoop. This frame and the shelves below it are most admirably adapted to show a great variety of goods of various kinds and exhibit them to purchasers to great advantage without the liability of their being injured by handling, or by dust collecting on them, the case being glazed with fine glass and the door P closed and locked to keep the goods safe from flies or other depredators.

When it is desirable, one of the pivots may be made to project through the case at the top or bottom and a crank or other device applied to turn the shelves; or a bevel-gear may be fastened to the upper or lower end of the shaft F, and a pinion, with a horizontal shaft extending through the side of the case and provided with a crank, may be arranged to turn the shelves and frame.

If it is desirable to have the shelves and frame kept in motion, a clock-movement may be arranged to turn the shaft, and applied under the shelves or at the top of the case.

What I claim as my invention and improvement in the above-described show-case for exhibiting goods is—

The revolving shelves and rack or frame, constructed and arranged substantially as described, for the purpose set forth.

JOEL HAINES.

Witnesses:

T. C. CONNOLLY,
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