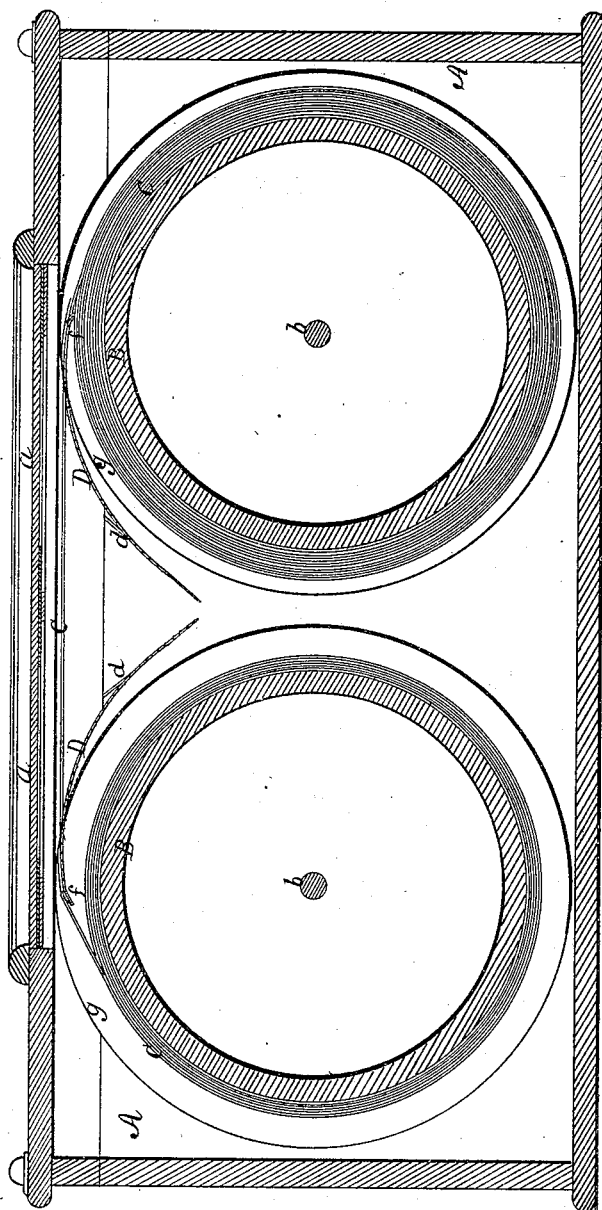


C. ROBINSON
 APPARATUS FOR PRESERVING AND EXHIBITING PHOTOGRAPHIC PICTURES.
 No. 50,498. Patented Oct. 17, 1865.



Witnesses
A. D. O. fmitte
Austin F. Foley.

Inventor
Charles Robinson
J. L. Brown.
 Atty.

UNITED STATES PATENT OFFICE.

CHARLES ROBINSON, OF SPRINGFIELD, MASSACHUSETTS.

APPARATUS FOR PRESERVING AND EXHIBITING PHOTOGRAPHIC PICTURES.

Specification forming part of Letters Patent No. **50,498**, dated October 17, 1865.

To all whom it may concern:

Be it known that I, CHARLES ROBINSON, of Springfield, in the county of Hampden and State of Massachusetts, have invented an Improvement in Apparatus for Exhibiting and Preserving Photographic Pictures; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing, making part of this specification, and representing a central longitudinal vertical section of the apparatus.

The present improvement is additional to the improved apparatus secured to me by Letters Patent bearing date the 11th day of April, 1865. The principal parts, being the same as described in said Letters Patent, need not be again described. A defect in the apparatus, as therein shown, arises from the fact that, as the mounting-band C becomes nearly all wound up on either of the cylinders B B the portion exhibited beneath the openings *a a* is not level, and consequently not parallel with the top of the case, so that the pictures do not show evenly nor satisfactorily; and it is desirable in all cases to bring the pictures as closely up to the glass as practicable, and uniformly at all times. Small friction-rollers over which to pass the band, I find, cannot be used, since their necessarily-small size causes the picture-holders to tear away from the band, from the

abruptness of the turn which the band has to make.

My present improvement consists in the employment of two guide-plates, D D, located over the cylinders B B, substantially as shown in the drawing, at a sufficient distance therefrom to allow the cylinders to turn under them with the whole band wound round them, and reaching up as closely to the glass as desired. The outer edges, *f f*, are curved downward somewhat, so that the band C will not rub against them and be injured thereby.

The plates may be secured at the inner edges by having flanges projecting at their ends slide into grooves *d d* in the sides of the inclosing-box A. The plates may be made of common tin-plate, or of any other suitable material.

What I claim as my invention, and desire to secure by Letters Patent, is--

The guide-plates D D, in combination with the mounting-band C and winding-cylinders B B, substantially as and for the purpose herein specified.

The above specification signed by me this 27th day of May, 1865.

CHARLES ROBINSON.

Witnesses:

JAMES WARNER,
A. M. COPELAND.