

M Dimock.

Picture Exhibitor.

N^o 95,666.

Patented Oct. 12, 1869.

Fig. 1.

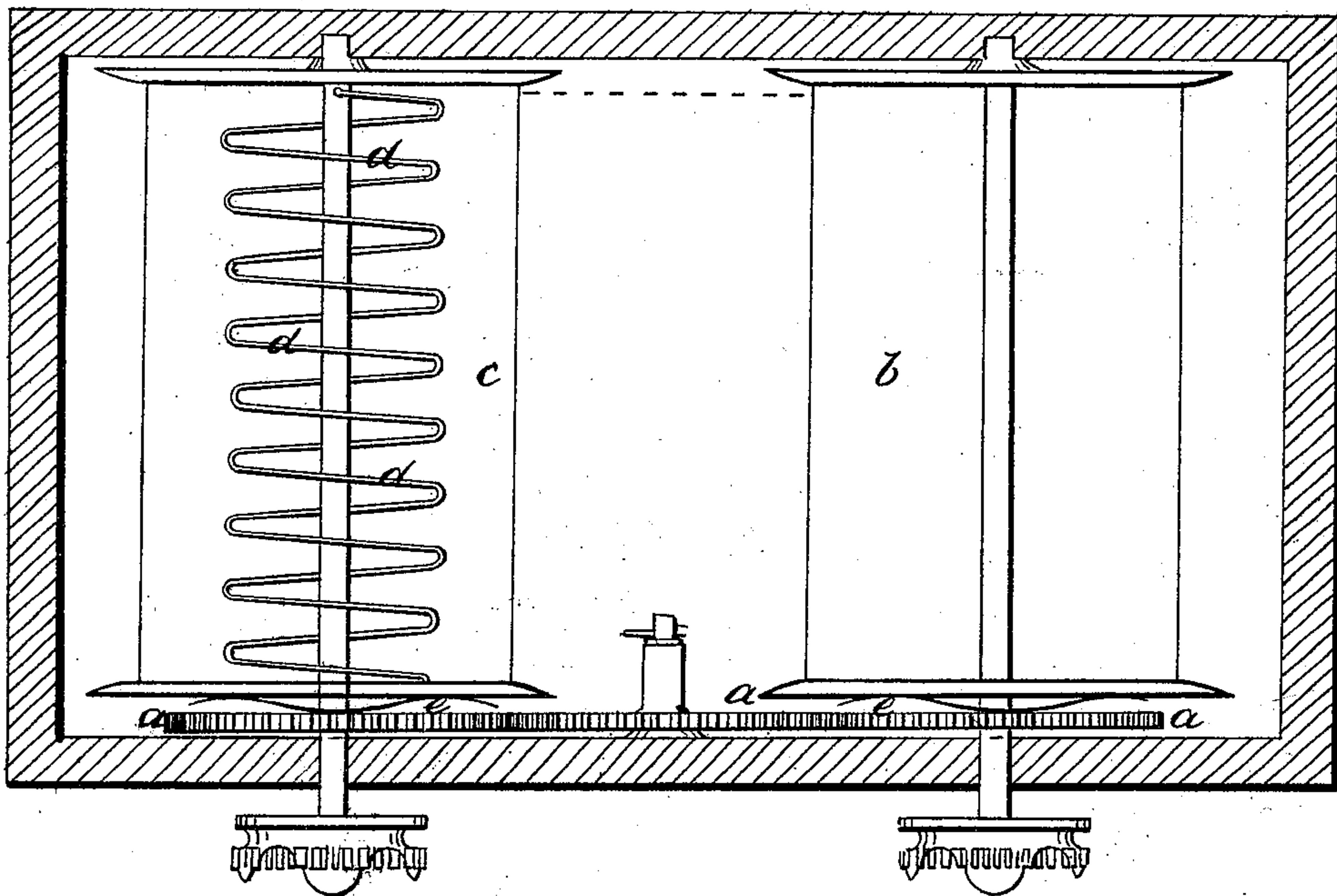
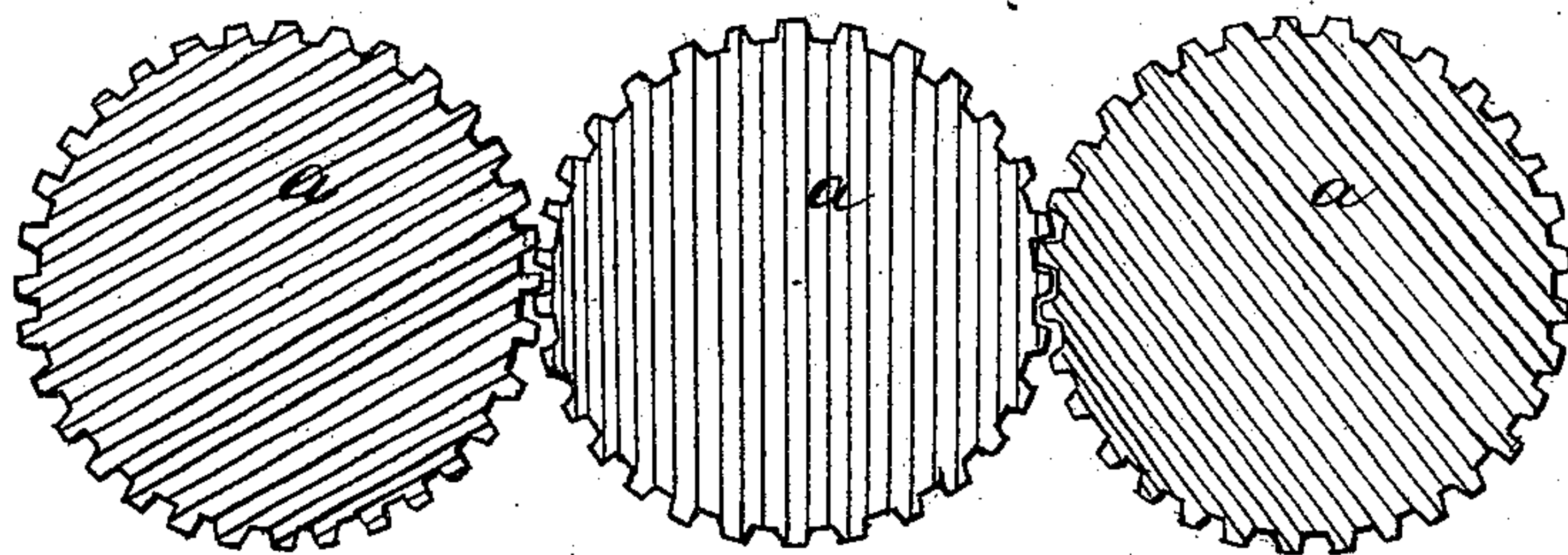


Fig. 2.



Witnesses.
W M Gooding

Edward Collier

Inventor.

Martial Dimock

United States Patent Office.

MARTIAL DIMOCK, OF NEWARK, NEW JERSEY, ASSIGNOR TO SAMUEL S. BARNABY AND DAVID MILLARD.

Letters Patent No. 95,666, dated October 12, 1869.

APPARATUS FOR EXHIBITING PHOTOGRAPHS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, MARTIAL DIMOCK, of the city of Newark, in the county of Essex, and State of New Jersey, have made certain Improvements in the Mechanism of the Apparatus for Preserving and Exhibiting Photograph-Pictures, for which a patent was issued to Charles Robinson, on the 11th day of April, 1865, and a second patent, October 17, of the same year; and do declare the following, taken in connection with the accompanying drawings, to be a full and exact description of the same.

The nature of the improvement consists in a connection of the cylinders in a way to insure simultaneous movement, without dependence upon the mounting-band, and in a self-adjustment of the inequality of the winding-increase of size of one cylinder, and decrease of diameter in the other, as the mounting-band passes from the one to the other, and which, at the same time preserves an even tension upon the mounting-band.

As the improvement is upon that which is already patented, an extended description of parts is not necessary.

In the drawings of the patent issued in April, 1865, may be seen, on the front of the enclosing-case, over the two knobs for turning the cylinders, the notices "turn to the right," "turn to the left," which, not being always heeded, have manifested the defects which our improvement perfectly prevents ever again recurring.

The loosening the band, and consequent tearing the mounting, or defacing the picture that almost inevita-

bly occurred from turning either knob the wrong way, are rendered impossible by the gearing *a a a*, Figures 1 and 2, in the drawings; one wheel being upon the shaft of cylinder *b*, and one upon that of cylinder *c*, with an intermediate between them, it matters not which knob is turned, nor which way it is turned, the band is passed from one cylinder to the other.

Upon the shaft of the cylinder *c* is placed the spiral spring *d*, one end of which being attached to the shaft, and the other to the interior of the cylinder, the cylinder being loose upon the shaft, has the effect of keeping an even tension upon the mounting-band, as the speed of the two cylinders is varied by the increase of diameter in one, by the band being wound upon it, and the decrease of the diameter of the other, as the band is unwound therefrom.

The springs *e* assist in steadying the motion and holding the mounting-band in its position while the pictures are being viewed.

As the original patents are now solely owned by the assignees of this patent, no disclaimers relating thereto are needed.

What is claimed, and desired to be secured as needful to make the invention available for profit, is—

The connection of the cylinders *b* and *c*, substantially in the manner and for the purpose herein above set forth, and the tension-spring in the cylinder, when used in combination therewith.

MARTIAL DIMOCK.

Witnesses:

W. M. GOODING,
EDWARD COLLVER.