

(No Model.)

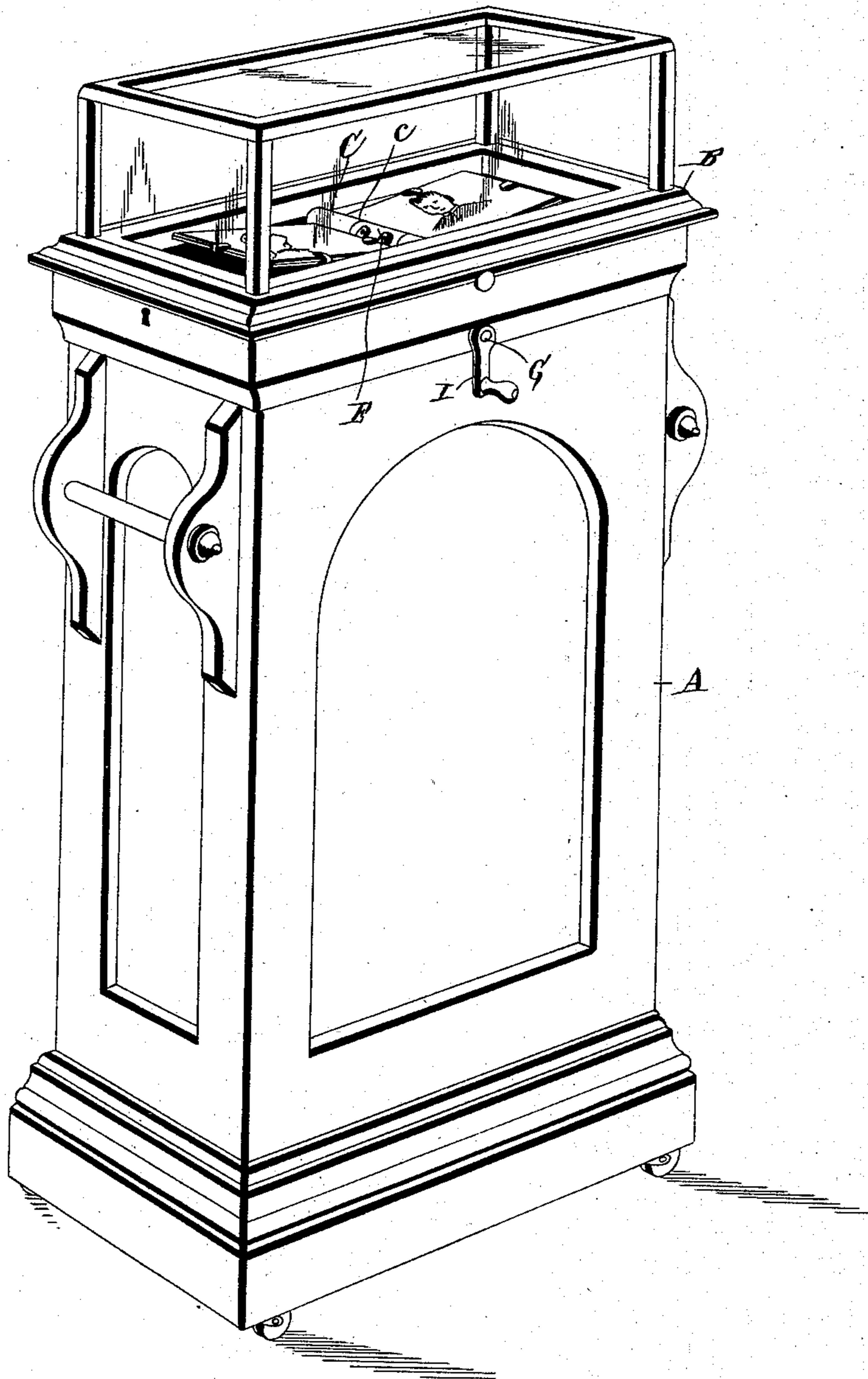
2 Sheets—Sheet 1.

F. A. GARRISON.
PHOTOGRAPHIC CABINET.

No. 384,754.

Patented June 19, 1888.

Fig. 1.



Witnesses.

G. B. Taylor,
C. E. Hoyle,

Inventor.

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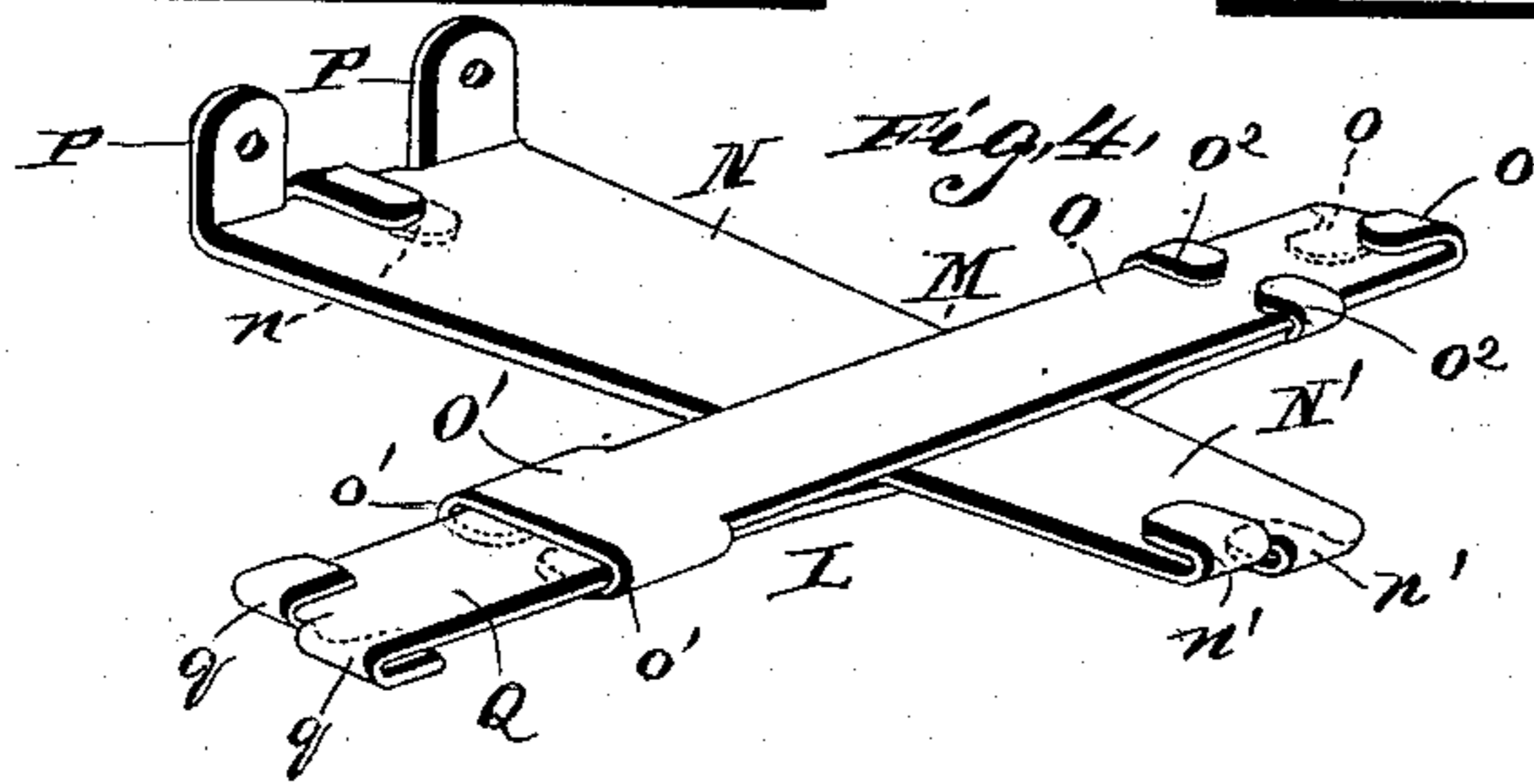
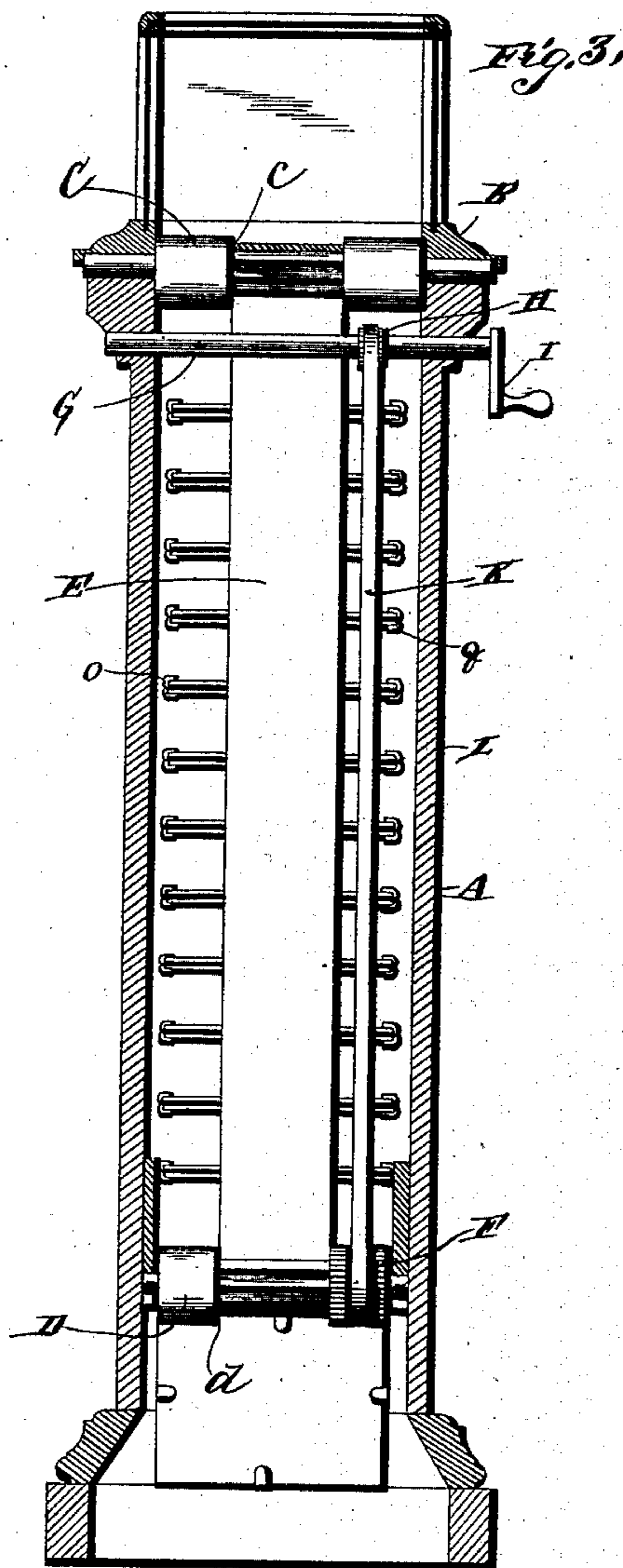
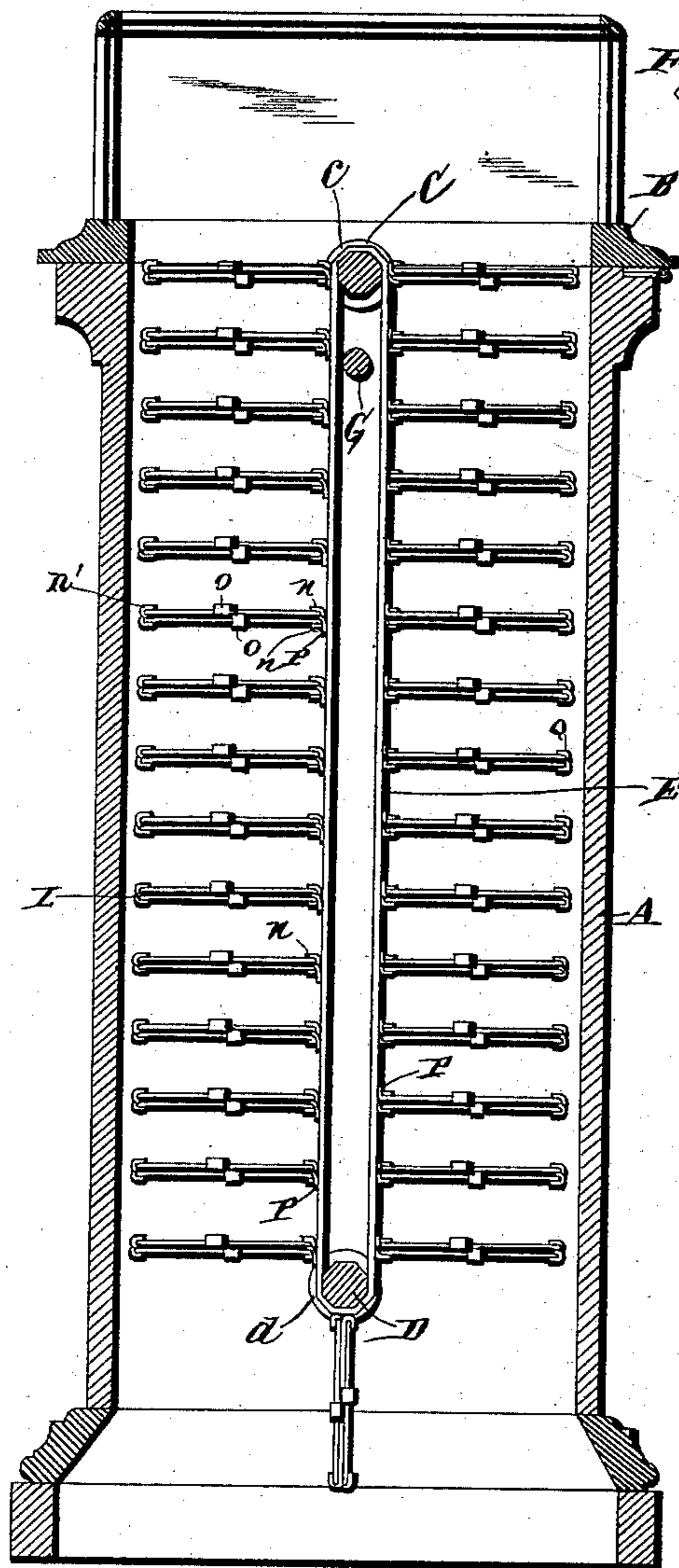
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C. E. Doyle.

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UNITED STATES PATENT OFFICE.

FRED A. GARRISON, OF FORT DODGE, IOWA.

PHOTOGRAPHIC CABINET.

SPECIFICATION forming part of Letters Patent No. 384,754, dated June 19, 1888.

Application filed February 9, 1888. Serial No. 263,487. (No model.)

To all whom it may concern:

Be it known that I, FRED A. GARRISON, a citizen of the United States, residing at Fort Dodge, in the county of Webster and State of Iowa, have invented a new and useful Improvement in Photographic Cabinets, of which the following is a specification.

My invention relates to a photograph-exhibiting cabinet; and it has for its object to provide a cabinet suitable to stand in a parlor or studio which will accommodate a great number of pictures in a compact form, any one of which pictures may be viewed at any time by manipulating means which are provided for the purpose, and which will be hereinafter fully described.

It is the common practice to arrange the photographs in an album or on a table or in a case, (loosely,) in either of which positions they are liable to accumulate dust, to be handled by visitors, and also to be removed. It is very often necessary in a photographic studio to have a person employed to exhibit the pictures and keep them in order, and it is to obviate all these objections that I provide the herein-described cabinet.

With these objects in view the invention consists, essentially, in a case having an endless belt mounted therein and carrying holders, which hold the photographs in such a position that two are visible at all times; furthermore, in a belt passing around rollers mounted in a case and having holders attached thereto, the relation between the upper roller and the intervals between the said holders being such as to cause two of the holders to be in a horizontal position at the same time; furthermore, in a certain combination of devices whereby the rollers are turned to operate the belt, and, furthermore, in a certain peculiar construction of the holders whereby the photographs may be removed and replaced at will.

In the accompanying drawings, wherein my improved photograph-exhibiting cabinet is illustrated, Figure 1 is a perspective view of the cabinet, showing it in its closed position, with the photographs arranged therein and the cover closed and locked. Fig. 2 is a longitudinal vertical central sectional view of the cabinet. Fig. 3 is a transverse vertical central sectional view of the same, designed to show the arrangement of the operating means for the endless belt. Fig. 4 is a detail per-

spective view of one of the holders which are carried by the endless belt.

Referring by letter to the drawings, A designates the case, having the hinged cover B, rectangular in form and provided with glass sides and top. This cover is provided with a lock of any suitable or preferred form to enable it to be secured in its closed position. A roller, C, is mounted at its ends in bearings in the front and rear sides of the case at the top, and the roller D (which is preferably much larger than the roller C) is mounted in bearings in the front and rear sides of the case near the bottom. These rollers are parallel with each other and are provided at or near their centers with the aligned annular grooves *c* and *d*, respectively, in which grooves operates the endless belt E. The sides of this belt are vertical and pass up through the center of the case. The front end of the roller D is provided with a pulley, F, and a horizontal shaft, G, is mounted in the front side of the case near its top and provided within the case with a pulley, H, aligned with the pulley F. An endless belt, K, passes around the pulleys F and H, and is prevented from slipping idly thereon by the teeth which are formed on the periphery of the pulley H. The outer end of the shaft G is provided with a handle or crank, I, whereby the shaft, and consequently the belt K, the roller D, and the belt E, are operated.

L represents a holder, which consists of the standard M, having the inner and outer arms, N and N', and the lateral arms O and O', which are connected rigidly to the arms N and N' at their point of connection. The free end of the inner arm, N, is provided with the apertured ears P P, which are attached by rivets, stitches, or otherwise to the belt E, and the end of the said arm is further provided (between the said ears) with the hook-shaped clips *n n*, which are respectively turned in opposite directions, for a purpose to be hereinafter fully explained. The extremities of the arms N' and O are similarly provided with hook shaped clips *n' n'* and *o o*, respectively, which are also turned in opposite directions, as clearly shown in the drawings. It will be seen that the three sets of hook-shaped clips *n*, *n'*, and *o* all extend inward toward the center of the holder L and are respectively arranged on three sides of a square, so that if a photograph were arranged on the holder the

clips n and n' would engage the side edges thereof, and the clip o would engage the upper edge, and thus hold the said photograph in place. The arm O' is preferably made somewhat shorter than the arm O , and is provided at its end with the guide-clips $o' o'$, which extend toward each other.

Q represents an extension-arm, which is mounted on the arm O' and slides in the guide-clips $o' o'$. The inner end of the extension-arm is provided with the guide-clips $o^2 o^2$, similar to the clips $o' o'$, which embrace and slide on the arm O . The outer end of the extension-arm is provided with the hook-shaped clips $q q$, which are similar to the clips n, n' , and o , and are adapted to engage the lower edge of the photograph which is arranged on the holder. This extension-arm, as will be seen, may be drawn out to enable the edges of the photograph to be engaged under the clips n and n' , and then it is forced inward until one of the clips q engages the free edge of the photograph. As before mentioned, the clips are arranged in pairs, which are turned, respectively, in opposite directions, and therefore one of each pair of clips is arranged on each side of the holder. Consequently two photographs may be arranged on the holder (one upon each side,) with their backs toward each other and their faces exposed. These holders are attached, as described, to the endless belt E at regular intervals, the said intervals being preferably about equal to the semi-circumference of the upper roller, C . Therefore the two holders which are at the top of the case will lie in a flat or horizontal position and two photographs will be visible. If for the sake of economizing space the distance between the holders is reduced, the size of the roller C must be also reduced to correspond therewith, as it is desirable that two photographs should be visible at all times.

From the arrangement of parts herein described it will be seen that two different pictures will be shown at each half-revolution of the roller C . The roller D is preferably larger than the roller C and larger than the roller H , in order to secure sufficient power on the endless belt E to enable it to be easily turned.

I am aware that it is not broadly new to provide cabinets for containing pictures in which the pictures are arranged at intervals on an endless belt; but the peculiar arrangement and construction of the parts herein described are specifically set forth in the following claims.

The grooves c and d in the rollers C and D are octagonal in form or provided with ribs, as seen in the drawings, to enable the belt to engage firmly therewith, so that there will be no slipping when the device is operated.

Changes in form, proportion, and details of construction may be resorted to without departing from the spirit or sacrificing the advantages of my invention.

Having thus described my invention, what I

claim, and desire to secure by Letters Patent of the United States, is—

1. In a photograph-exhibiting cabinet, the roller C , mounted in a suitable case near its top, the roller D , mounted therein near the bottom and having a pulley, F , the shaft G , mounted in the case and provided with a handle or crank, I , on its outer end and a pulley, H , on its inner end, the belt K , mounted on the pulleys F and H , and the belt E , mounted on the rollers C and D and having the holders for the photographs attached thereto, substantially as and for the purpose specified.

2. In a photograph-exhibiting cabinet, the combination, with the endless belt E , of the holders comprising the standard M , attached at its inner end to the belt and having clips on its outer end, and the lateral arms on the said standard having clips on their ends, all constructed and arranged substantially as specified.

3. In a photograph-exhibitor, the combination, with the belt E , of the holders attached at intervals thereto and comprising the rigid arms N, N' , and O , having clips on their ends, and the arm O' , having an extension provided with clips, substantially as and for the purpose specified.

4. In a photograph-exhibitor, the combination, with an endless belt, of the holders comprising the arm N , having apertured ears P on its free end adapted to be secured to the belt, and the hook-shaped clips between the ears, the arms N' and O , having hook-shaped clips on their outer ends, and the arm O' , provided with an extension having clips on its end, substantially as specified.

5. In a photograph-exhibitor, the combination, with the endless belt, of the holder L , attached thereto and having the arms N, N' , and O , provided with hook-shaped clips at their ends, the arm O' , having guide-clips o' on its end, and the extension-arm Q , operating in the said guide-clips and having the clips q on its outer end similar to the clips on the arms N, N' , and O , and the guide-clips $o^2 o^2$ on its inner end embracing the arm O , substantially as specified.

6. As a new article of manufacture, the holder comprising the arms N, N' , having clips n, n' on their ends, the lateral arm O , having the clips o on its outer end, the arm O' , and the extension-arm Q , mounted on the arm O' and having clips q on its outer end, the said extension-arm being adapted to be extended to engage a card or photograph in the said clips on the ends of the arms, substantially as specified.

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

FRED A. GARRISON.

Witnesses:

Z. W. THOMAS,

O. W. GARRISON.