

No. 717,384.

Patented Dec. 30, 1902.

A. GAFFNEY.

KIT FOR PHOTOGRAPHIC PLATE HOLDERS.

(Application filed May 15, 1902.)

(No Model.)

Fig. 1.

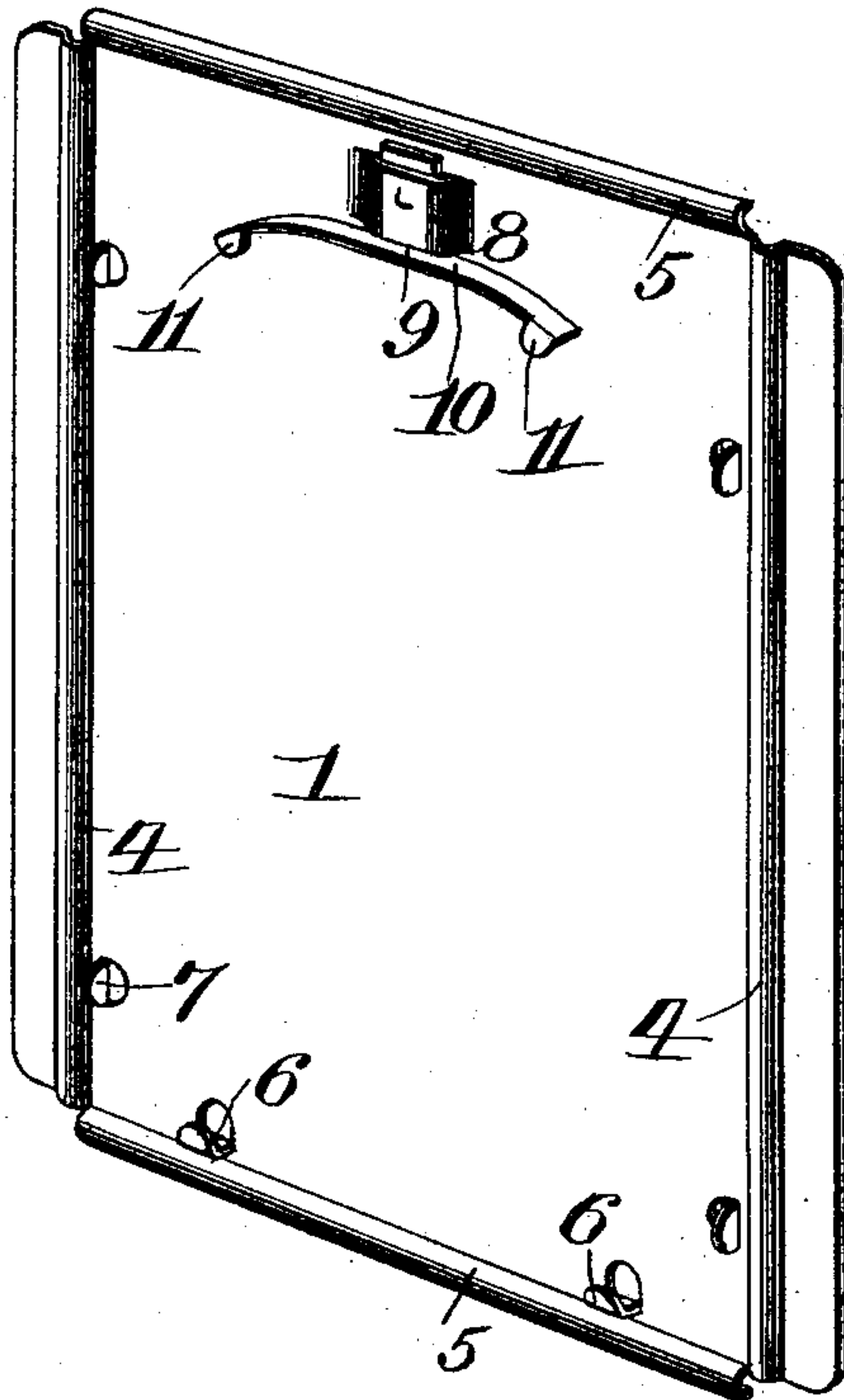
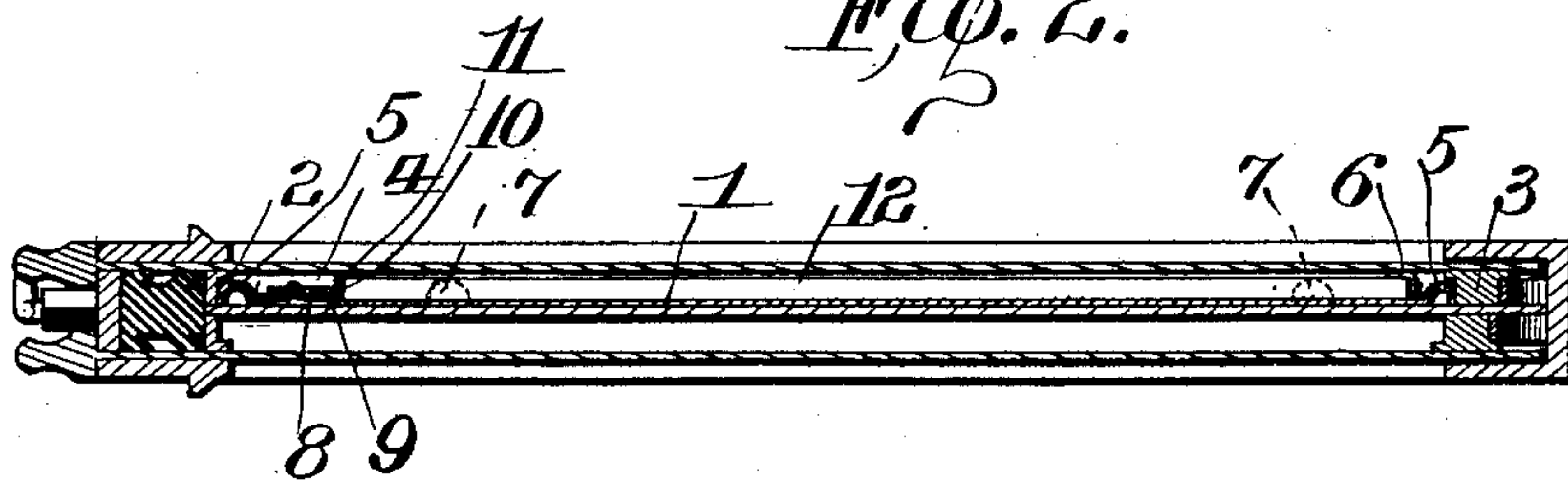


Fig. 2.



Witnesses.

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# UNITED STATES PATENT OFFICE.

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## KIT FOR PHOTOGRAPHIC-PLATE HOLDERS.

SPECIFICATION forming part of Letters Patent No. 717,384, dated December 30, 1902.

Application filed May 15, 1902. Serial No. 107,422. (No model.)

*To all whom it may concern:*

Be it known that I, AUGUSTINE GAFFNEY, of Rochester, in the county of Monroe and State of New York, have invented certain  
5 new and useful Improvements in Kits for Photographic-Plate Holders; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the reference-numerals marked thereon.

My present invention has for its object to provide a kit or appliance to be used in connection with photographic-plate holders,  
15 whereby smaller plates may be held and used in plate-holders adapted for those of larger size; and it consists in an improved device which is simple and cheap in construction and which may be readily applied to the holder in  
20 daylight and the photographic plate afterward applied in the dark room without the necessity of manipulating or adjusting small parts, all as will be hereinafter described.

In the drawings, Figure 1 is a perspective  
25 view of a kit constructed in accordance with my invention. Fig. 2 is a longitudinal sectional view of the plate-holder, showing the kit in position.

Similar reference-numerals in the two figures indicate similar parts.

The kit or attachment embodies a body or plate 1, preferably of metal, of a size which will fit and be retained in a plate-holder by the usual holding appliances—such, for instance, as the stationary ledge or flange 2 and the movable recessed bar 3, (see Fig. 2)—said  
35 plate 1 being stiffened and prevented from buckling or cockling by having the longitudinal corrugations 4 at the sides and the transverse corrugations or beads 5 at the ends, the latter forming the thickened edges cooperating with the securing parts of the plate-holder or containing-casing.

6 indicates ears or projections cut from the  
45 body of the plate 1 near one end and turned upward and having their ends extending above the surface, and at the sides are arranged ears, lugs, or projections 7, cut from the plate and extending vertically.

50 Near the end of the plate 1, opposite the

lugs 6, a loop or bridge 8 is struck up, beneath which extends a shank 9, formed integrally with a bow-spring 10, having at its end the lugs 11, adapted to project over the edge of the photographic plate 12 to retain the latter  
55 in position. The spring is preferably formed separate from the plate 1, and the shank is prevented from withdrawal from the loop by any suitable means—such, for instance, as by indenting the body of the plate 1 and the shank  
60 9 by a prick-punch, as shown in Fig. 2; but they might be otherwise secured, if desired.

The construction described is such that the kit may be applied to the ordinary plate-holder in the same manner that the photographic plates are ordinarily applied thereto,  
65 and the smaller-sized photographic plate 12 may be inserted by placing the end of the plate beneath the lugs 11 on the spring, then forcing the latter back until the end of the  
70 plate can be dropped beneath the lugs 6, when the spring will force the plate into proper position and the lugs 7 will effectually prevent lateral movement at both ends.

The device as a whole is very simple and  
75 cheaply made from stamped metal embodying only two parts and may be supplied at a nominal cost, so that the user is able to use plates of the size for which his holder is adapted or of a smaller size, as desired. The beads  
80 or corrugations 5 at the ends not only stiffen the plate 1 and prevent its bending laterally, but are of substantially the thickness of the photographic plate for which the holder is adapted in order that the kit may be positioned by the same means that are used to secure a glass plate.

I claim as my invention—

1. An attachment or kit for photographic-plate holders consisting of a base-plate having the corrugations at the ends and sides and provided with the integral ears extending upwardly at both sides near the ends, the integral overhanging ears at one end and a spring arranged at the end of the plate opposite the  
95 overhanging ears also provided with an overhanging projection.

2. An attachment or kit for photographic-plate holders consisting of a base-plate having integral upwardly-extending ears at the  
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sides near both ends, the integral overhang-  
ing ears near one end and a plate-retaining  
spring having the shank secured to the base-  
plate near the end opposite the overhanging  
5 ears and the free ends provided with the over-  
hanging ears.

3. An attachment or kit for photographic-  
plate holders consisting of the sheet-metal  
plate corrugated laterally and longitudinally  
10 near the edges, having the ears cut from the  
plate at the sides near the ends and extend-

ing upwardly, the ears cut from the plate at  
one end and bent upwardly and then parallel  
with the plate and the loop cut and pressed  
upwardly, and the spring having the shank 15  
extending beneath the loop and the overhang-  
ing ears at the free ends.

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Witnesses:

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