

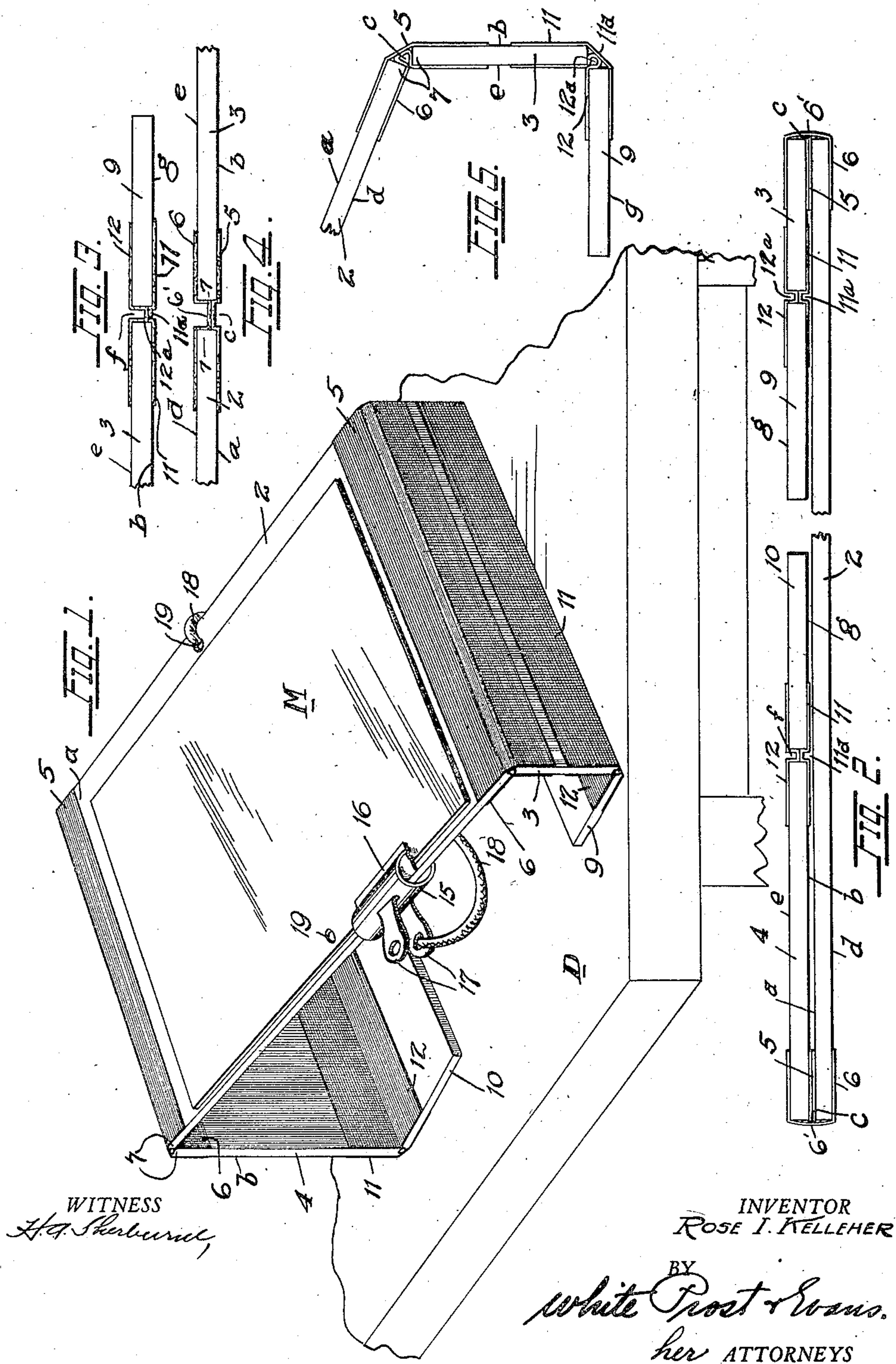
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R. I. KELLEHER

COPYHOLDER.

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# UNITED STATES PATENT OFFICE.

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COPYHOLDER.

Application filed October 5, 1920. Serial No. 414,718.

*To all whom it may concern:*

Be it known that I, ROSE I. KELLEHER, a citizen of the United States, and resident of the city and county of San Francisco, State of California, have invented a certain new and useful Copyholder, of which the following is a specification.

This invention relates to supports and more particularly to that type of support adapted to conveniently hold and display copy sheets, manuscripts, and various other articles so as to be within convenient view of a person having desire to refer to the same. The invention is especially adaptable for stenographic and typewriter service.

It is an object of the present invention to provide a copy holder that is at once simple, substantial, and foldable and collapsible into a compact position when not in use, and which may be readily erected to form a convenient stand or support for the display of various objects, such, for instance, as stenographers' copies.

It is an object of the invention further to provide a device of this kind that is of extremely inexpensive construction and that is light and very durable and that can be arranged with facility upon any desk or other suitable or convenient supporting surface without special fastening means or appurtenances.

It is a further object of the invention to provide a simple, practicable, and facile method for the manufacture of the improved copy-holder.

The invention possesses other objects and features of advantage, some of which, with the foregoing, will be made manifest in the following description of the preferred form of the invention which is illustrated in the drawings accompanying and forming part of the specification. It is to be understood that it is not intended to limit the invention to the embodiment shown by the said drawings and description as variations may be adopted within the scope of the invention as set forth in the claim.

Referring to the drawings:

Fig. 1 is a perspective of the device in its erected position upon the top of a desk showing a sheet for copy attached thereto for convenient reading and reference.

Fig. 2 is an edge view of the collapsed or folded copy holder, the main table-forming part being broken away for convenience to show indefinite length.

Fig. 3 is a sectional detail view of a form of hinge or connecting means by which the stabilizing foot is connected to the end flap or leg-forming member.

Fig. 4 is a detail sectional view on about the same scale as Fig. 3 showing a form of joint or hinge forming means between the leg-forming flap and the main table part.

Fig. 5 is a detail end elevation and edge view of one end of the holder.

The invention in its preferred embodiment comprises a main table-forming member or part of any suitable area, and preferably made of comparatively thin stock material of any character, such for instance, as fiber, card or paste-board. This provides the desired degree of durability and lightness and also enables the compact folding of the whole. To the end edges of the table-forming member are hingedly secured leg-forming elements that may be of the same material as that of the table part; means being provided to permit the folding of the leg-forming members flatwise upon the table base and also permitting the substantial vertical adjustment of the leg-forming elements to position the table at the desired angle with respect to the eye of the observer. Means are also provided for limiting the unfolding movement of the end flaps and leg-forming sections which are provided with suitable stabilizing devices, also foldable, and by which the erected device is maintained in substantial upright position.

In its illustrated form the copy holder comprises a main, plane, stiff intermediate table-forming member 2 of any desired dimensions to the transverse end edges of which are hingedly connected a short leg-forming flap 3 and a taller leg-forming flap 4, so that when the legs are arranged in the position shown in Fig. 1 the top of the table 2 assumes an inclined position with respect to the table or desk D.

It is desirable to provide a connection between the leg-forming flaps 3 and 4 and the ends of the table part 2 as to enable the flaps to be folded flatwise upon the top surface of the table part 2 as shown in Fig. 2, and also to provide means that will limit the unfolding of the legs to the erected position shown in Fig. 1 and at the same time to provide an extremely simple, compact, and inexpensive form of hinge connection between the folding members. To that end the folding parts 3 and 4 are, in the process



of manufacturing the device, spaced a predetermined position from the transverse end edges of the main part 2 and there is then applied the hinging connection. A form of such connection includes an upper transversely extending pliable and durable strip or strap-like layer 5 as of linen or cotton tape which preferably is adhesively secured to the top surfaces *a* and *b* Fig. 5, bridging the horizontal gap *c* indicated in Fig. 4. In a similar manner a transversely extending strip of tape 6 is secured to the opposite faces *d* and *e* of the main table member 2 and the leg flaps 3 and 4 respectively. When the hinge strip 6 is applied it not only bridges the gap *c* between the main part 2 and the contiguous leg flaps but the mediate portion of the strip 6 is depressed into the space between the parallel edges of the table part and the leg member as at 6' Fig. 4, and the depressed portion 6' is adhesively secured, or otherwise if desired, to the bridging portion of the strip 5. The width of the space *c* and the width of the connecting hinge portion 6' of the strip or tape is such as to permit the legs 3 and 4 to be folded over the end of the table part 2 to lie flat upon the surface thereof as in Fig. 2, but it is important that the connecting hinge portion 6' in the space *c* serve also as a tension device or link to limit the unfolding of the legs respectively when adjusted to the position shown in Figs. 1 and 5, at which time, the contiguous corners 7 of the table part 2 and the legs 3 and 4 move into abutment or mutual supporting relation. Having provided means to predetermine the unfolding position of the leg flaps it is also desirable to provide means to stabilize the unfolded holder so that it will form a substantial support to receive on its top surface any object, such for instance, as a copy book or manuscript indicated at M, Fig. 1. The stabilizing means is here represented as comprising foot sections 9 and 10 respectively attached to the swinging ends of the leg sections 3 and 4. The leg and foot sections are preferably made of substantially the same material as that forming the main table part 2 and in such case the foot sections 9 and 10 are swingingly connected to the transverse swinging edges of the leg sections 3—4 by a hinge construction similar to that above described. In the construction of the device the foot sections 9—10 are arranged in parallel position to the adjacent edges of the leg sections or flaps 3—4 being spaced therefrom a distance *f* Fig. 3, not necessarily equal to the space *c*

above described. To the faces *b* of the legs 3—4 and the faces *g* of the foot members 9—10 there is then adhesively applied a continuous transversely extending hinge-forming strip 11 having an intermediate bridging or strip portion 11<sup>a</sup> which limits the swinging movement of the foot members 9—10 in one direction inwardly under the table part 2. A similar transversely extending hinge strip 12 is adhesively secured to the opposite faces of the leg members 3—4 and the foot sections 9—10; the hinge strip 12 having a bridging portion 12<sup>a</sup> depressed into the space *f* adhesively or otherwise secured to the tension portion 11<sup>a</sup>. The hinge connections as above described therefore provide not only for the convenient folding of the several leg flaps 3—4 and the foot flaps 9—10 flatwise upon the table part 2 but also serve as means to limit the unfolding of the end members with respect to the table part 2 and serve to form a sufficiently rigid support of the parts in erected position.

To temporarily but readily detachably hold an object as a manuscript book or sheet upon the table part 2 any suitable fastening means may be employed. An extremely practicable, readily adjustable and convenient clamp is shown as comprising a spring tube member 15 longitudinally split and provided with clamping jaws 16 that may be passed over the longitudinal edge of the table part 2 and opened by means of handle levers 17 the releasing of which permits the spring tube 15 to close the clamp jaws 16 on the object as the sheet M to be secured to the table 2. Preferably the clamping device is adjustable to any desirable location along the edge of the table part and also may be applied to either edge for convenience of right hand or left hand operatives. To prevent loss of the clamping device it is flexibly connected to the copy holder as by means of a cord or other equivalent element 18 one end of which may be passed through an aperture 19 of which there is one adjacent each longitudinal edge of the table part 2.

What is claimed is:

A copy holder comprising a stiff table member, end flaps, continuous double hinge means connecting said flaps to the ends of the said member, and foot members hinged to the free edges of the end flaps, said flaps and foot members having unfolding movement limited by the hinge means.

In testimony whereof, I have hereunto set my hand.

ROSE I. KELLEHER.