

No. 878,043.

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C. C. CHRISMAN.
PAD FOR WRITING MACHINES, FURNITURE, &c.
APPLICATION FILED JAN. 12, 1907.

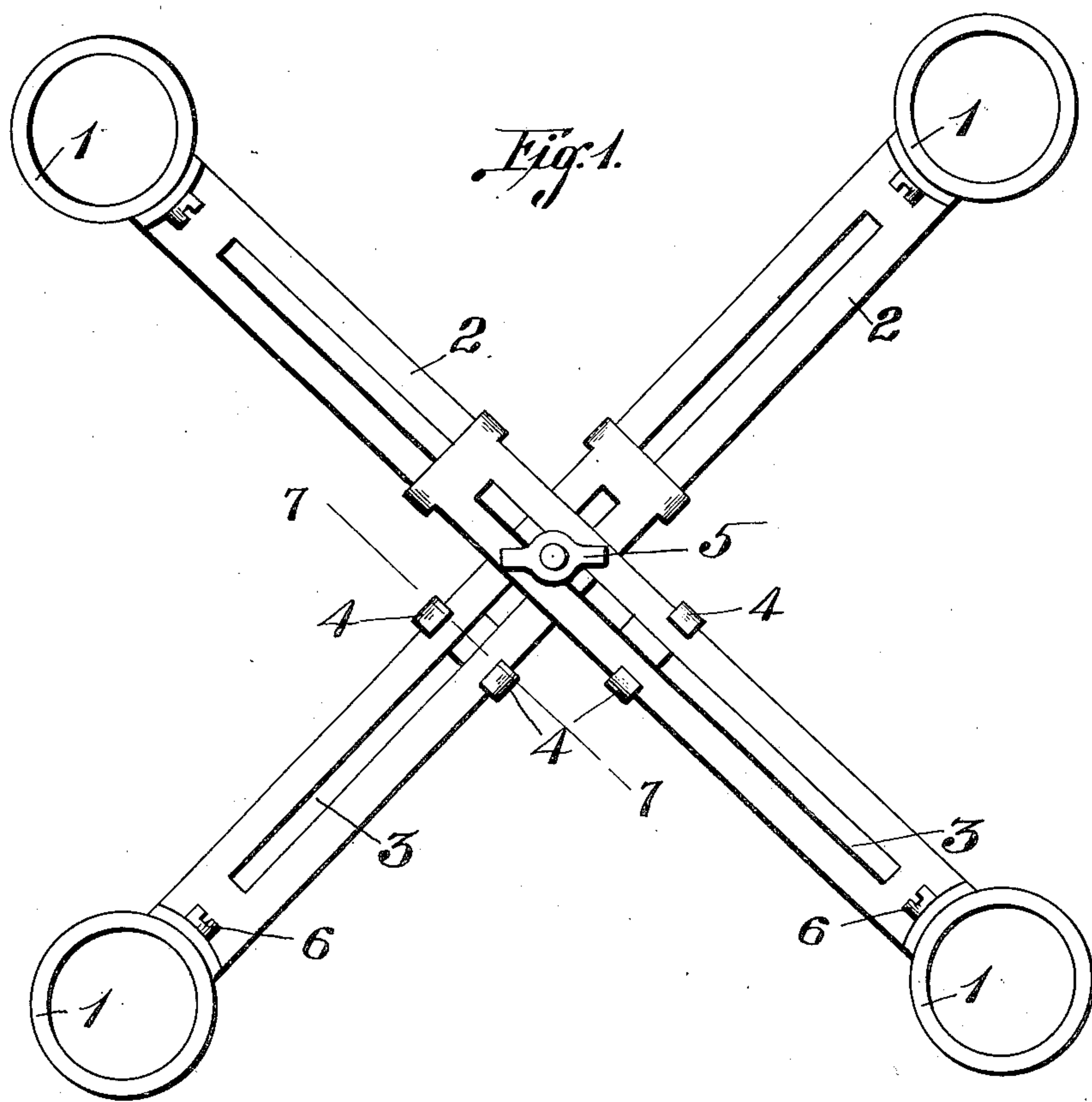


Fig. 2.

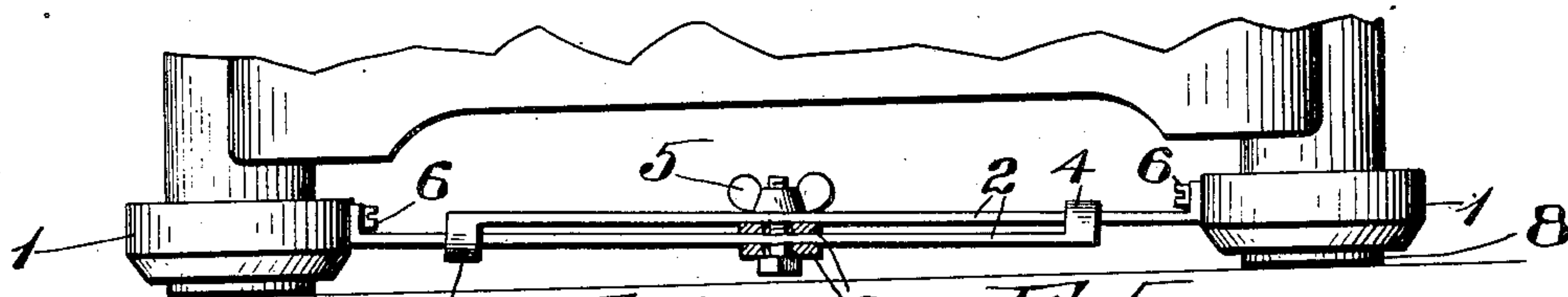


Fig. 3.

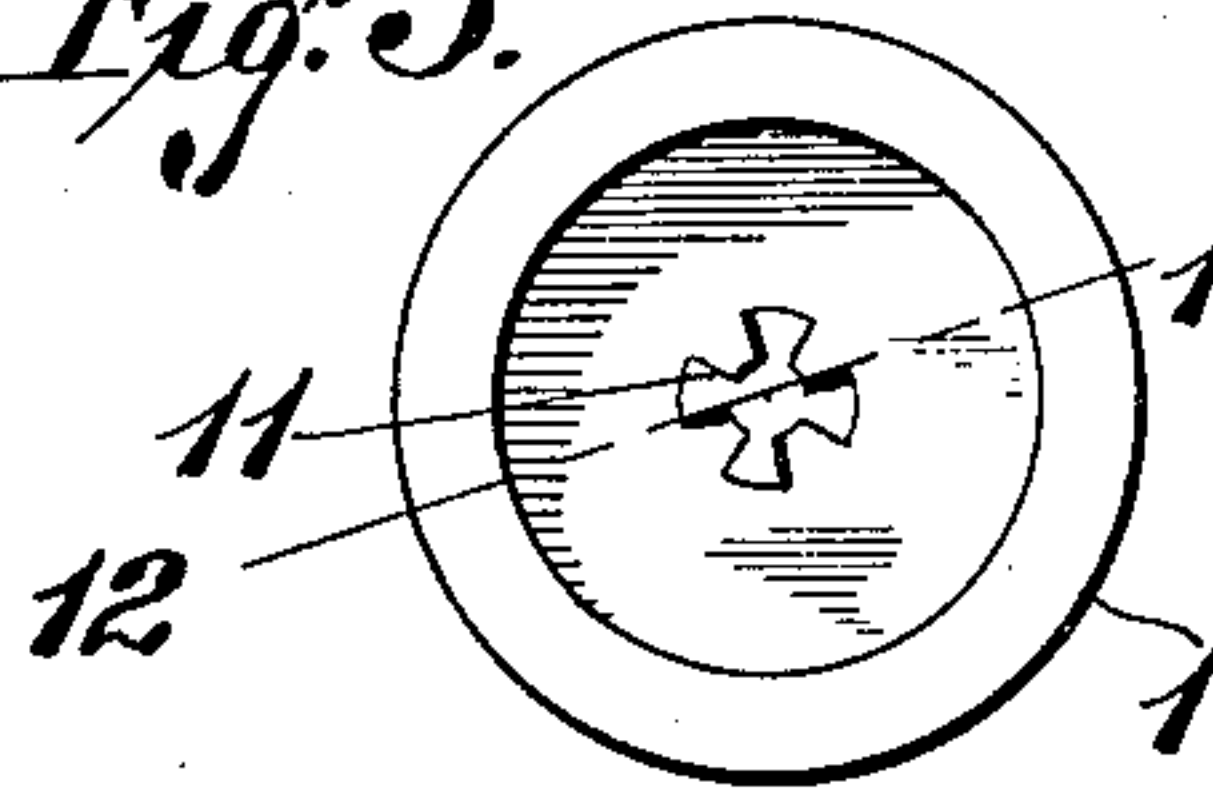


Fig. 4.

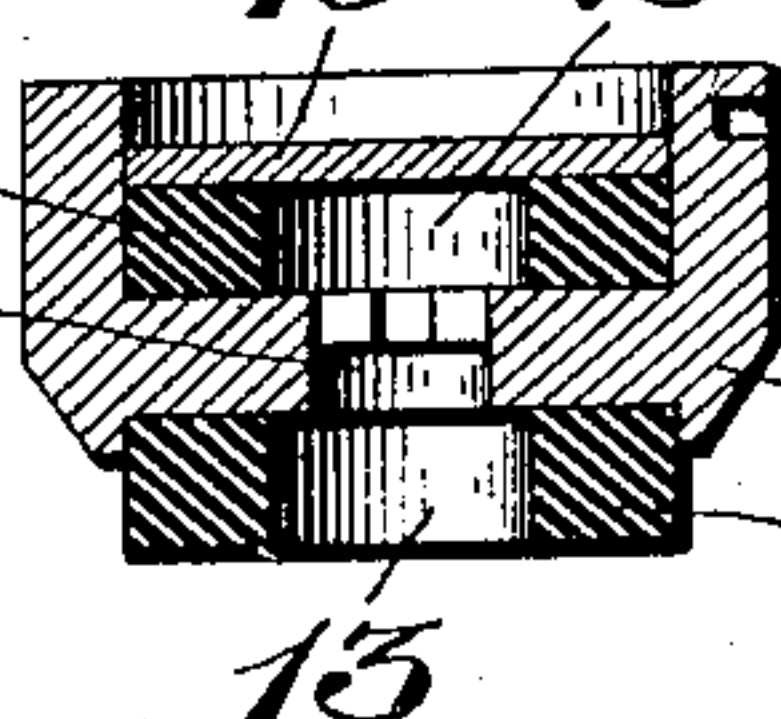
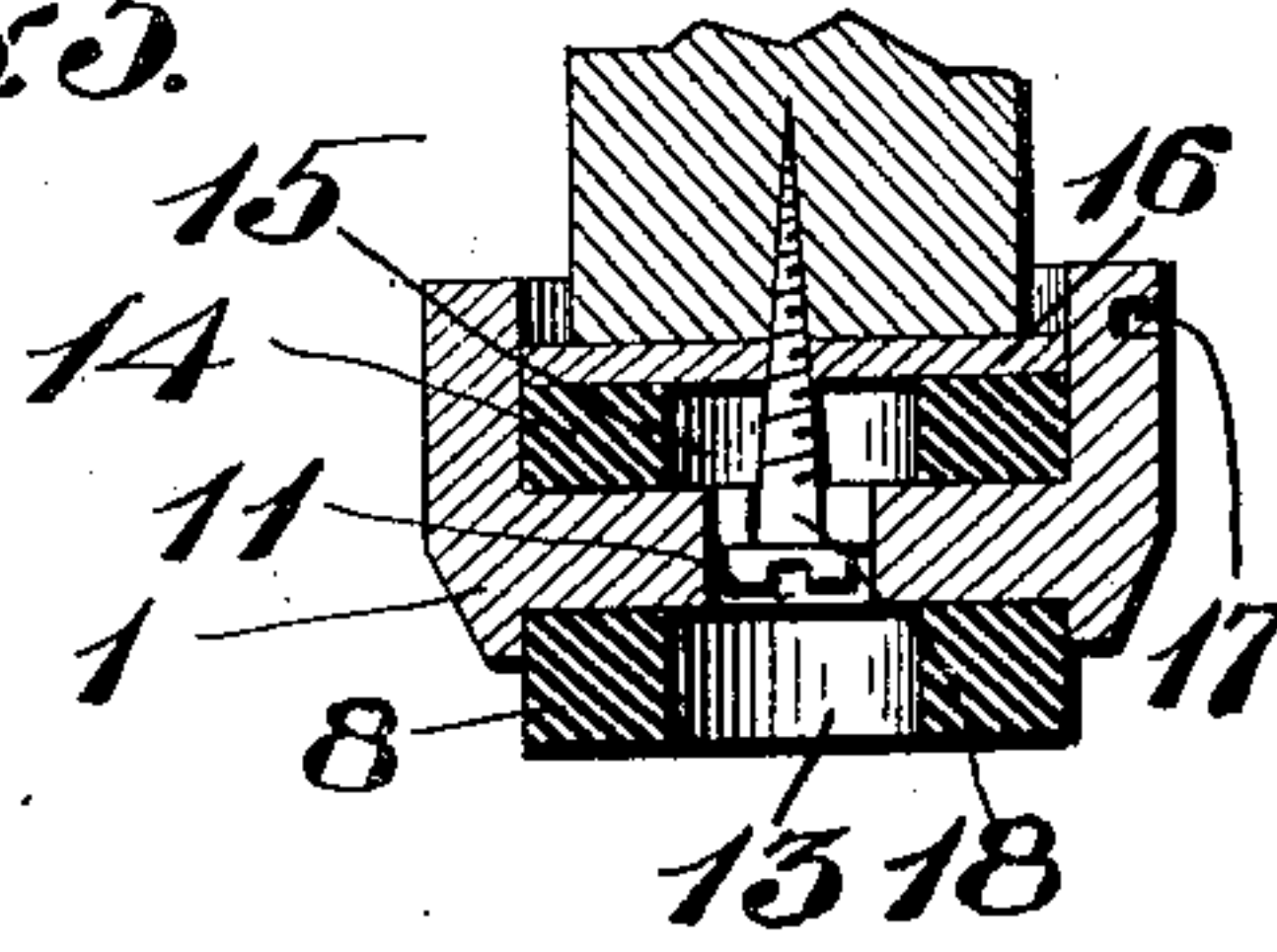


Fig. 5.



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PAD FOR WRITING-MACHINES, FURNITURE, &c.

No. 878,043.

Specification of Letters Patent.

Patented Feb. 4, 1908.

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To all whom it may concern:

Be it known that I, CLARENCE C. CHRISMAN, a citizen of the United States, and a resident of St. Louis and State of Missouri, have invented certain new and useful Improvements in Pads for Writing-Machines, Furniture, &c., of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to an improved pad for writing and calculating machines, stools, chairs, and the like, and the object of my invention is to construct a simple, durable, pad which can be folded into a small space when not in use, which when in use, may be readily expanded or contracted to accommodate itself to the various sizes of machines, and which will deaden the noise of such machines, and prevent them from slipping on the desks on which they rest.

A further object of my invention is to construct a pad which may be detached from the connecting frame, and attached to the leg of a chair, stool, foot of a typewriter, or calculating machine, in such a manner as not to deprive the pad of its resiliency and cohesive tendencies.

To accomplish the above objects, my invention consists of certain novel features of construction and arrangement of parts, which will be hereinafter more specifically set forth, pointed out in my claims, and illustrated in the accompanying drawings, in which:—

Figure 1 is a plan view of my improved pad fully extended; Fig. 2 is a section taken on the line 7—7 of Fig. 1, and showing the lower portion of a typewriter on the pad; Fig. 3 is a top view of one of the cups of the pad, and with the yielding parts of the pad removed; Fig. 4 is an enlarged vertical section taken on the line 12—12 of Fig. 3, and showing the yielding pads in position in the cup; Fig. 5 is a vertical section analogous to Fig. 4, and showing the manner of attaching the pad to the foot of a typewriter or leg of a chair.

The frame of my improved device is preferably made of metal, and comprises the circular cups which are provided with recesses in their under sides, and which cups are connected in pairs by the sliding arms 2, which are longitudinally slotted, as designated by

3, and the inner ends of which arms are provided with the overlapping ears 4, which are bent around the edges of the adjacent arms, thus holding each pair of arms in place and causing them to slide readily upon one another. One pair of arms is arranged to slide through the opposite pair, and a set screw, provided with a winged nut 5, passes through the slot 3 of all the arms, in order to adjustably hold and lock said arms to one another. The outer ends of the arms are connected to the cups 1 by means of screws 6, which enter suitable apertures 17 formed in the outer faces of the cups.

Removably seated in the recesses formed in the under sides of the cups 1 are disks 8, of rubber, or analogous material, in the centers of which disks are formed openings 13; and similar disks 14, of rubber or analogous material, and provided in their centers with openings 15, are removably seated within the cups; and detachably arranged on said last mentioned elastic disks are disks 16, of wood or metal.

Formed through the center of the bottom of each cup 1 is an aperture, such as 11, which is for the purpose of permitting air to circulate freely from the chamber in one of the elastic disks to the other, and formed integral with the bottom of the cup and extending toward the center of the aperture therein, is a series of lugs which form bearings for a fastening device, such as a screw 18, which may be used to secure the pad to the leg of a chair, or similar object, which construction permits the leg of the chair or other object to move downward relative to the pad, and also permits the free circulation of air from the chamber in one elastic disk to the other.

A pad of my improved construction is positioned on a desk or table, and when the thumb nut 5 is loosened, the arms 2 may be adjusted to and from one another in order to bring the cups into proper positions to receive the feet or projections of a writing machine, or the lower ends of the legs of a chair or similar object; and, after this adjustment has taken place, the thumb nut is tightened to lock the sliding arms together.

When a writing machine or chair is placed on the pad, the weight thereof pressing on the elastic disks 8 traps the air within the chambers formed in said disks and the disks 14, and said air, together with the resiliency of

said disks, forms a very efficient cushion for the writing machine or chair, and thus absorbs vibration and noise, and at the same time maintains the machine or chair in proper position, and does not mar the desk or table top on which the same is positioned.

A pad of my improved construction is simple, strong, and durable, is easily adjusted, and provides a very resilient base for writing machines and the like.

When not in use, the arms 2 are moved toward one another and then pivotally swung upon the screw carrying the thumb nut 5, which actions bring the parts of the device into very small compass.

I claim:

1. A pad of the class described, comprising a rigid cup-shaped member, in the bottom of which is formed an aperture, an elastic ring arranged on the under side of the cup-shaped member, an elastic ring within the cup-shaped member, and means arranged through the aperture in the cup-shaped member and the elastic ring therein for yieldingly attaching the pad to the base of a structure.

2. A pad of the class described, comprising a rigid cup-shaped member, in the bottom of which is formed an aperture, an elastic ring arranged on the under side of the cup-shaped member, an elastic ring within the cup-shaped member, a rigid member on the top side of the last mentioned elastic member, and means passing through the cup-shaped member, the upper elastic ring, and the rigid member of said ring for yieldingly attaching the pad to the base of an object.

3. A pad of the class described, constructed with a cup shaped member, an elastic member carried by the under side of said cup shaped member, an elastic member arranged within the cup shaped member, and there

being air chambers formed in said elastic members.

4. A pad of the class described, constructed with a cup shaped member, an elastic member carried by the under side of said cup shaped member, an elastic member arranged within the cup shaped member, and there being communicating air chambers formed in said elastic members.

5. A pad of the class described, comprising a cup shaped member, in the bottom of which is formed an aperture, an elastic ring arranged on the under side of the cup shaped member, and an elastic ring arranged within the cup shaped member.

6. A pad of the class described, comprising a cup shaped member, in the bottom of which is formed an aperture, an elastic ring arranged on the under side of the cup shaped member, an elastic ring arranged within the cup shaped member, and a rigid disk located on top of the elastic ring within the cup shaped member.

7. A pad of the class described, comprising a cup shaped member, an elastic member carried by the under side of said cup shaped member, an elastic member arranged within the cup shaped member, there being air chambers formed in said elastic members, and means whereby the pad is yieldingly connected to an object.

8. A pad of the class described, comprising a rigid member, yielding members arranged on the top and bottom of said rigid member, and there being communicating air chambers formed in said yielding members.

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Witnesses:

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