

No. 879,135.

PATENTED FEB. 18, 1908.

D. C. ANDERSON.
ADJUSTABLE LEAF AND BINDER.
APPLICATION FILED MAY 18, 1907.

Fig. 1.

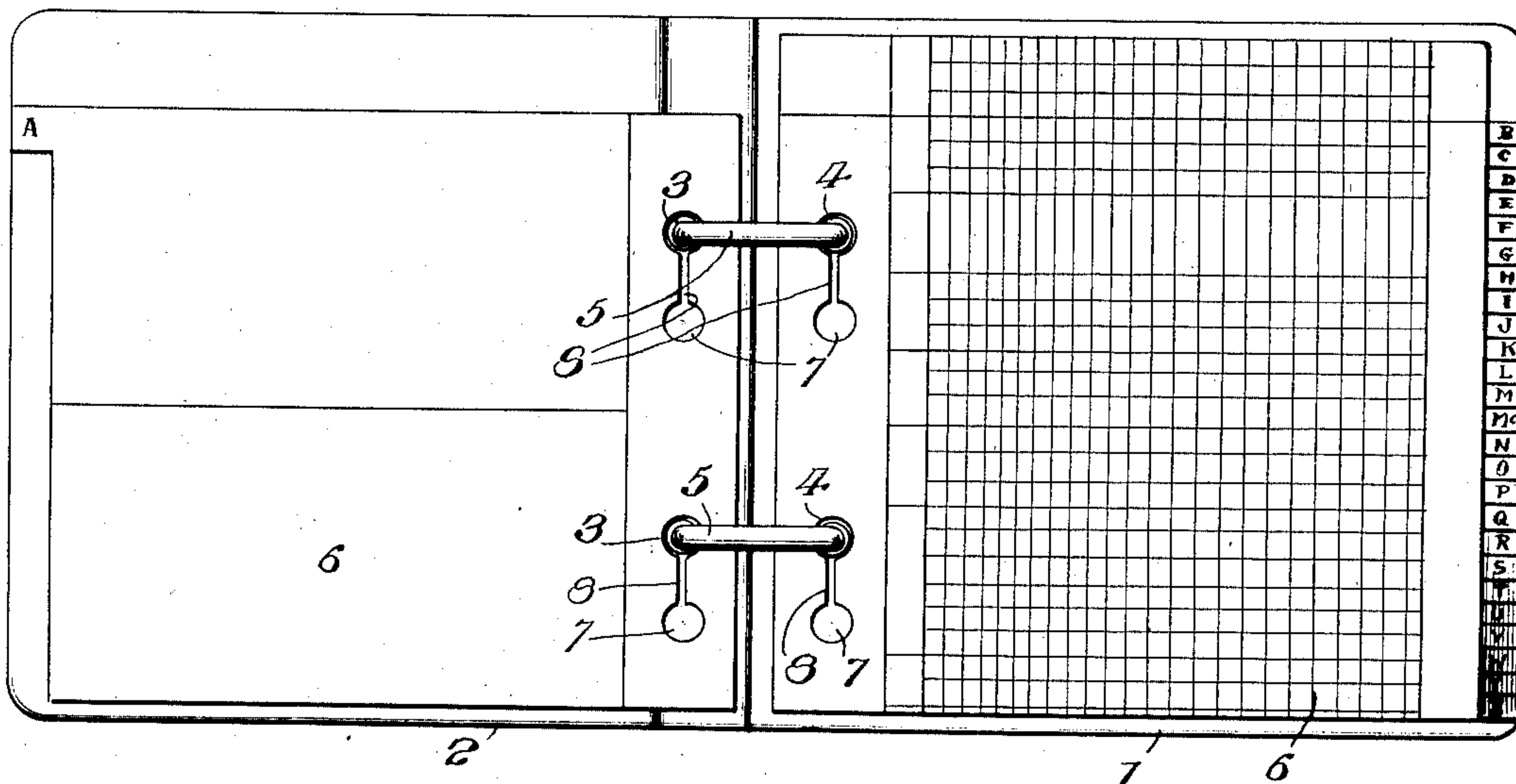


Fig. 2.

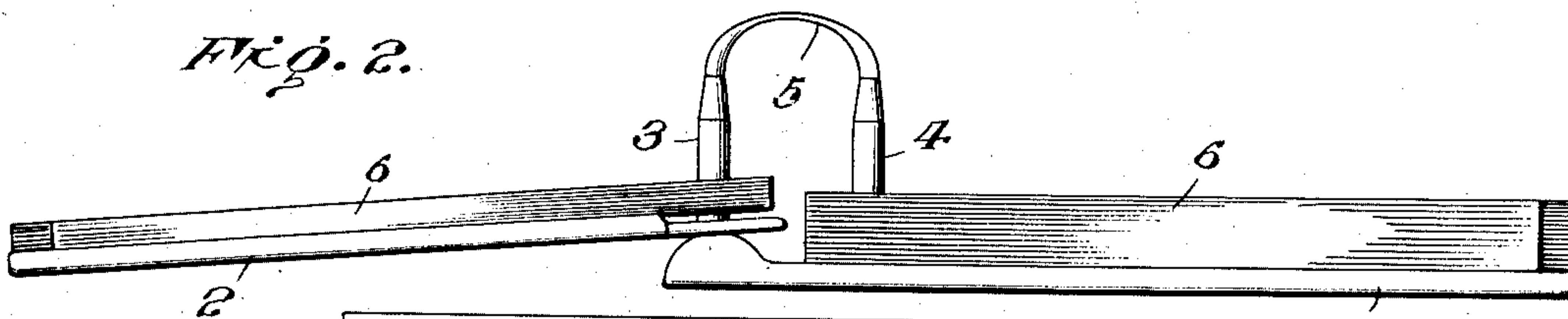
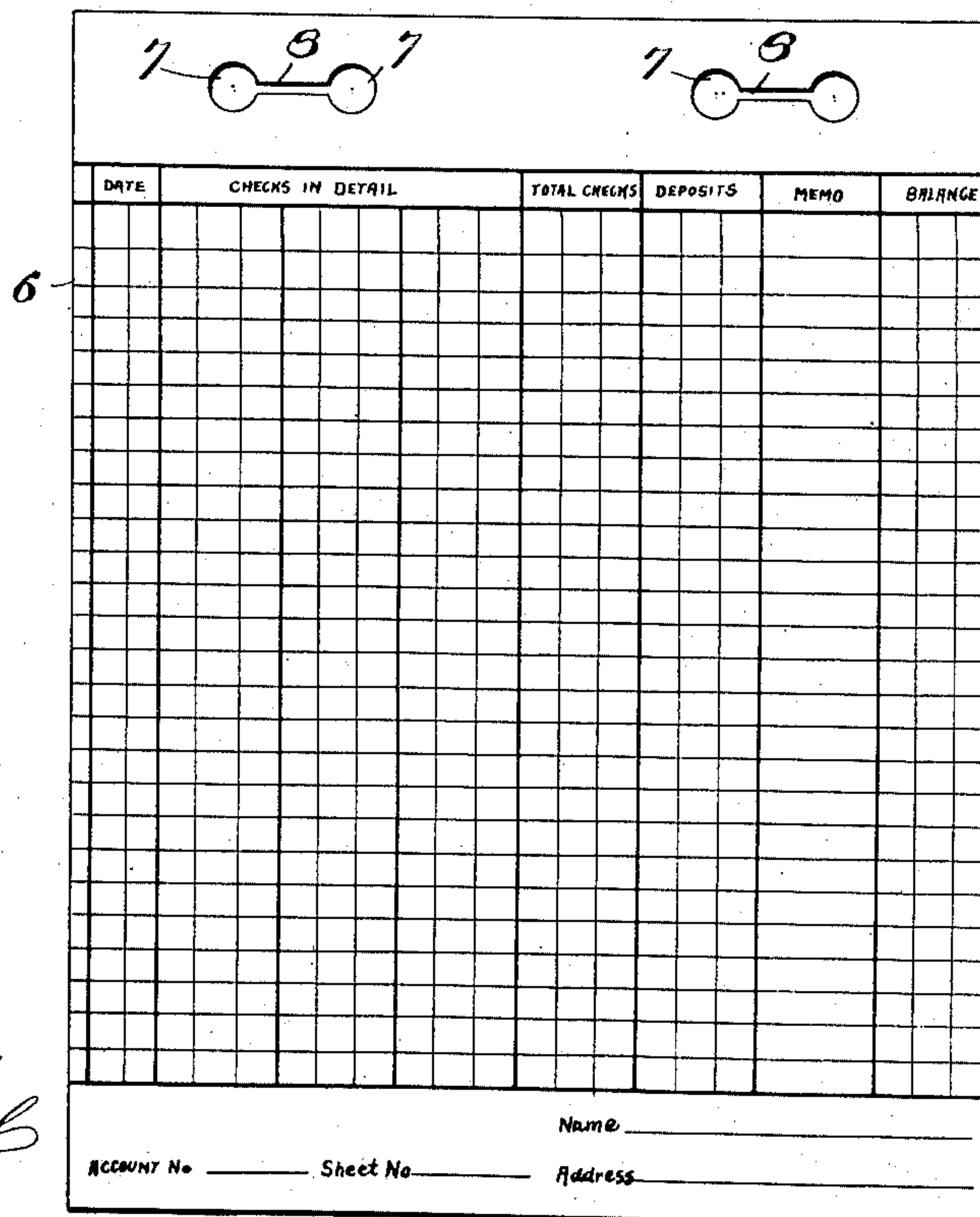


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

DON C. ANDERSON, OF ST. LOUIS, MISSOURI.

ADJUSTABLE LEAF AND BINDER.

No. 879,135.

Specification of Letters Patent.

Patented Feb. 18, 1908.

Application filed May 18, 1907. Serial No. 374,330.

To all whom it may concern:

Be it known that I, DON C. ANDERSON, a citizen of the United States, residing at St. Louis, in the county of St. Louis City and State of Missouri, have invented certain new and useful Improvements in an Adjustable Leaf and Binder, of which the following is a specification.

My invention relates to adjustable leaf binder structures, and the object of my invention is to produce an improved device of this character, and it consists in certain constructions, combinations and arrangements of parts, the preferred form of which will be first described in connection with the accompanying drawings, and then the invention particularly pointed out in the claims.

Referring to the drawing wherein the same part is designated by the same reference numeral wherever it occurs, Figure 1 is a top plan view of a construction embodying my invention. Fig. 2 is a section taken on line 2, 2 of Fig. 1. Fig. 3 is a plan view of one of the sheets or leaves.

1 designates the base or main portion of the binder and 2 the cover.

3, 4 are two pairs of posts mounted on the base 1, the posts of each pair at their upper end being connected by means of the U-shaped loop 5.

The construction so far described may be of any desired character, as this particular construction forms no part of my invention. I have, however, illustrated the loop as of that kind which is locked into position in the post and which may be removed therefrom after the same has been unlocked.

6 designates the leaves which are provided near one edge with a pair of openings by means of which the leaves are threaded on the posts. Each of these openings is formed by a pair of holes 7 spaced apart and connected by a relatively narrow slit 8. It will be noted that by the difference in diameter between the holes 7 and the slits 8, that shoulders are formed at the junction between the holes and the slits. The effect of this is that they will resist any ordinary tendency to shift the leaves when they are in their normal position and thus prevent any accidental displacement of the leaves.

The holes 7 of each opening are located a distance from the corresponding hole of the other opening equal to the distance between the pairs of posts. While I have shown only two openings in the sheet and two pairs of

posts, it is to be understood that this number may be increased or diminished if desired without departing from my invention.

The loop 5 which connects the pair of posts 3, 4 and forms them into practically what may be termed a single post, is smaller in diameter than the diameter of the posts 3, 4. The holes 7 in the leaves are of a diameter to permit the leaves to be readily threaded over the posts, whereas the slits 8 are so narrow that they will not accommodate the posts. They are, however, slightly wider than the diameter of the reduced portion 5.

From this construction it will be seen that in order to shift a leaf in relation to the other leaves, it is necessary to lift the leaf onto the reduced portion of the post. Then because of the reduced diameter, the leaf can be readily shifted so that the pins will be threaded through either the left hand pair of holes of each set, or the right hand pair. When the leaves are in normal position, shown in Fig. 1, it will be practically impossible to change the position of the leaves accidentally.

By the above construction it will be seen that I have produced a loose leaf binder in which the individual leaves may be shifted transversely without difficulty while making it practically impossible for the leaves to be shifted by accident.

While I have described what I believe to be the preferred form of my invention, I desire to have it understood that many changes may be made in the form, construction and arrangement of parts without departing from the spirit of my invention.

What I claim as new and desire to secure by Letters Patent is

1. An adjustable leaf provided near one edge with an aperture formed by a pair of holes spaced apart, and connected by a relatively narrow slit the difference between the width of the slit and the diameter of the holes being such that shoulders are formed at the entrances to the slit from the holes.

2. An adjustable leaf provided with a pair of apertures located at equal distances from one edge of the leaf, each aperture comprising a pair of holes spaced apart and connected by a relatively narrow slit the difference between the width of the slit and the diameter of the holes being such that shoulders are formed at the entrances to the slit from the holes.

3. A leaf binder comprising a base, two

posts extending from said base, a loop connecting the upper ends of said posts, said loop between its ends being reduced in cross-section so that at its reduced portion it is comparatively wide and thin.

4. A loose leaf binder structure comprising a base, a binder post extending therefrom, one portion of said post having a reduced cross section, leaves provided with openings threaded on said post, the opening in each leaf comprising a pair of holes spaced apart

and connected by a relatively narrow slit, the holes being of a size to accommodate the post, while the relatively narrow slit will only accommodate the reduced portion of the post. 15

In testimony whereof I affix my signature in presence of two witnesses.

DON C. ANDERSON.

Witnesses:

ADELE S. PICKEL,
WM. VAN TRESSE.