

W. J. VICK.
DIVISION PLATE FOR DOCUMENT FILES.
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928,346.

Patented July 20, 1909.

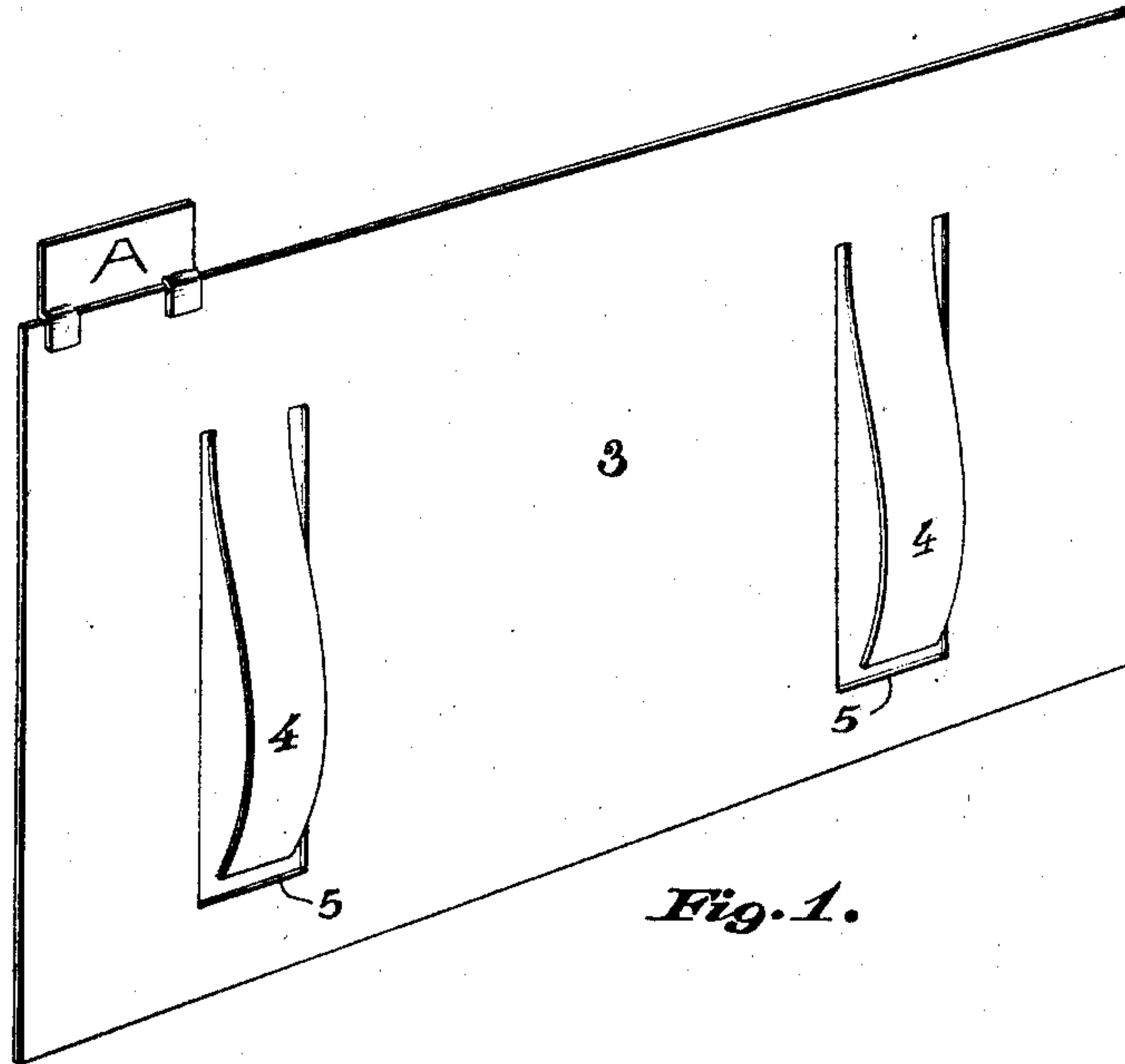


Fig. 1.

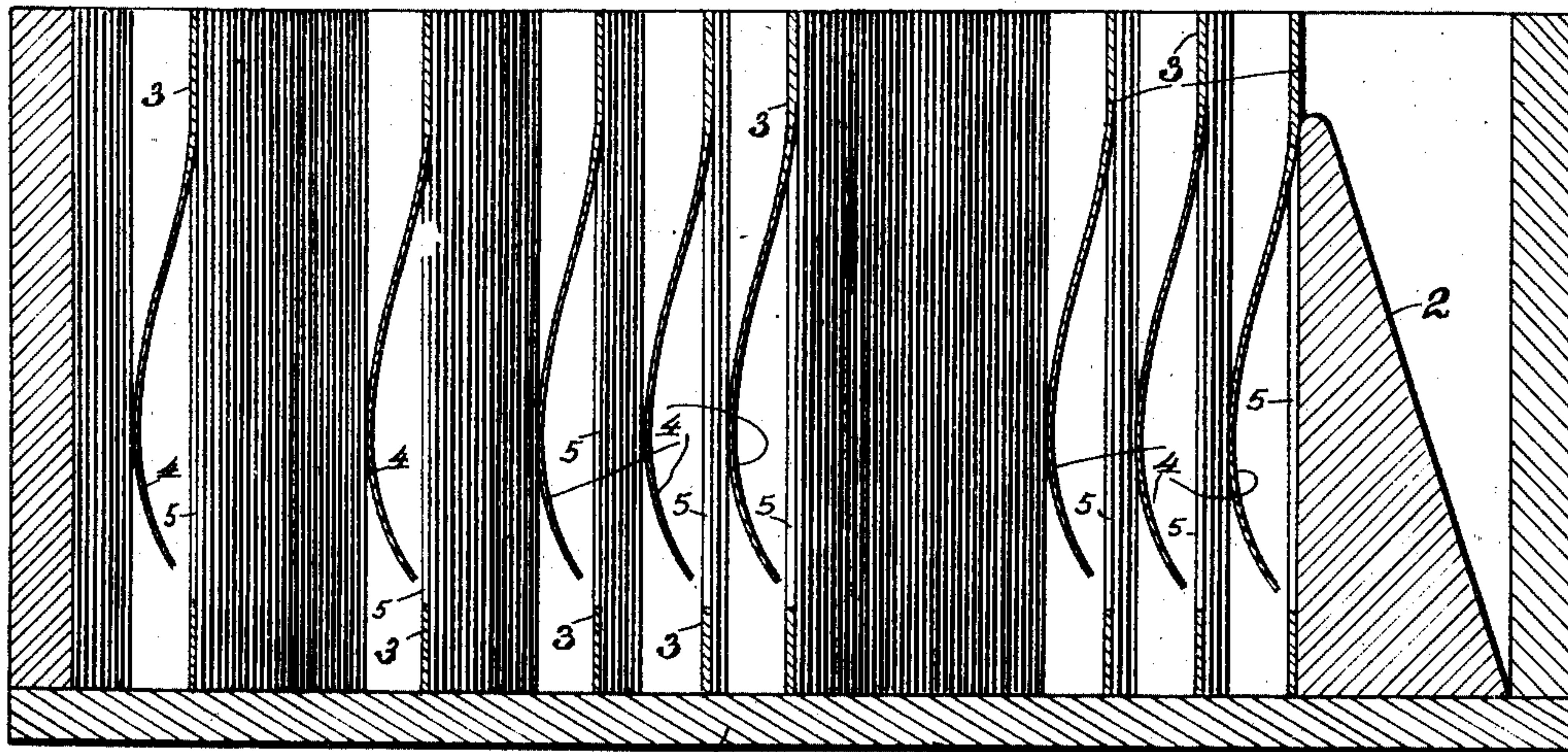


Fig. 2.

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UNITED STATES PATENT OFFICE.

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DIVISION-PLATE FOR DOCUMENT-FILES.

No. 928,346.

Specification of Letters Patent.

Patented July 20, 1909.

Application filed November 4, 1907. Serial No. 400,662.

To all whom it may concern:

Be it known that I, WILFRED J. VICK, a citizen of the United States, residing at Ravenna, in the county of Portage and State of Ohio, have invented certain new and useful Improvements in Division-Plates for Document-Files; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, making a part of this specification, and to the figures of reference marked thereon, in which—

Figure 1 is a view of the division plate, showing an index tab connected thereto. Fig. 2 is a longitudinal section of a file receptacle showing a number of division plates properly located and documents properly arranged.

The present invention has relation to division plates for documents, such as envelopes, cards and such other papers as are commonly filed.

Similar numerals of reference indicate corresponding parts in all the figures of the drawing.

In the accompanying drawing, 1 represents a file case, which is of the ordinary construction and is provided with the ordinary follower head 2, which is manipulated in the usual manner, but within itself forms no particular part of the present invention, and hence the devices for holding the follower head in fixed adjustment are not illustrated as they within themselves form no particular part of this invention.

The division plate 3 is formed of a length to correspond substantially with the width or length as the case may be with the receptacle 1 and is preferably formed of metal but not necessarily so, but should have sufficient rigidity to remain in substantially a vertical position and without danger of being bent or broken in use. The plates 3 as shown are provided with the spring tangs 4, which spring tangs are preferably formed integral at one of their ends with the body of the division plate 3, but not necessarily so. The plates 3 are provided with suitable openings 5, located adjacent the spring tangs 4 by which arrangement the free ends of the tangs are permitted to come and go, thereby providing a means for allowing the tangs to be compressed when pressure is brought upon them. However it is not absolutely necessary to form any openings in the plate 3,

owing to the fact that the springs 4 may be made separate and attached at one of their ends and allowing the contact ends of the springs 4 to come and go upon the face of the division plate by which arrangement the bowed spring tangs can be compressed.

It will be understood that by providing the division plates 3 with the spring tangs 4 that the various documents held between the division plates will be held in a vertical position, by their engagement with the faces of the springs 4, thereby forming or producing a uniform pressure upon all of the documents filed regardless of their number as between two or more division plates 3.

It will be understood that the follower head 2 should be adjusted from time to time to compensate for the increased or decreased numbers of documents filed, the adjustment should be of such a nature that the springs exert a uniform tension, regardless of the number of division plates employed and regardless of the number of documents filed, thereby producing a uniform tension upon the documents at all times and under all circumstances. By providing for the spring tension only upon the documents the division plates can be brought into an inclined position if desired, thereby releasing the frictional contact and permitting any particular document to be easily withdrawn, owing to the fact that they are not held by any pressure, except that exerted by the spring tangs 4. In the drawings I have illustrated two spring tangs formed upon each division plate 3, but I do not desire to be limited in any way as to the number of spring tangs as the object above pointed out can be carried out, regardless of the number of springs.

It will be understood that for convenience in selecting papers or documents from the receptacle 1 the various division plates should be indexed either by letter or number so that little difficulty will be experienced in selecting the desired document.

In division plates of the character described, it is of importance that the plates within themselves should be formed of material having considerable rigidity or stiffness and this is especially true where flexible documents are to be filed, and, owing to the fact that the spring tangs may be sufficiently yielding to permit of easy movement, said springs are formed narrower than the openings from which they are severed at their

sides and ends. Another purpose in providing the narrow tanks, or tangs narrower than their openings, is to allow the free movements of the spring tangs without their parallel edges coming in contact with the edges of the openings formed in the division plate proper.

Having fully described my invention what I claim as new and desire to secure by Letters, Patent, is—

1. As an improved article of manufacture, a division plate for document files provided with an elongated opening, a curved spring normally located lateral to the faces of the plate, and said spring severed from said plate at its sides and one of its ends, substantially as and for the purpose specified.

2. As an improved article of manufacture, a division plate for document files, consisting of a rigid body portion provided with elongated openings, curved spring tangs severed from said rigid body portion at their sides and one of their ends, respectively, said spring tangs formed of a width less than the width of the opening, substantially as and for the purpose specified.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

WILFRED J. VICK.

Witnesses:

R. M. VICK,
BESS CRAIG.