

No. 860,223.

PATENTED JULY 16, 1907.

J. MARSHALL.

FILING BOX.

APPLICATION FILED APR. 22, 1907.

FIG. I.

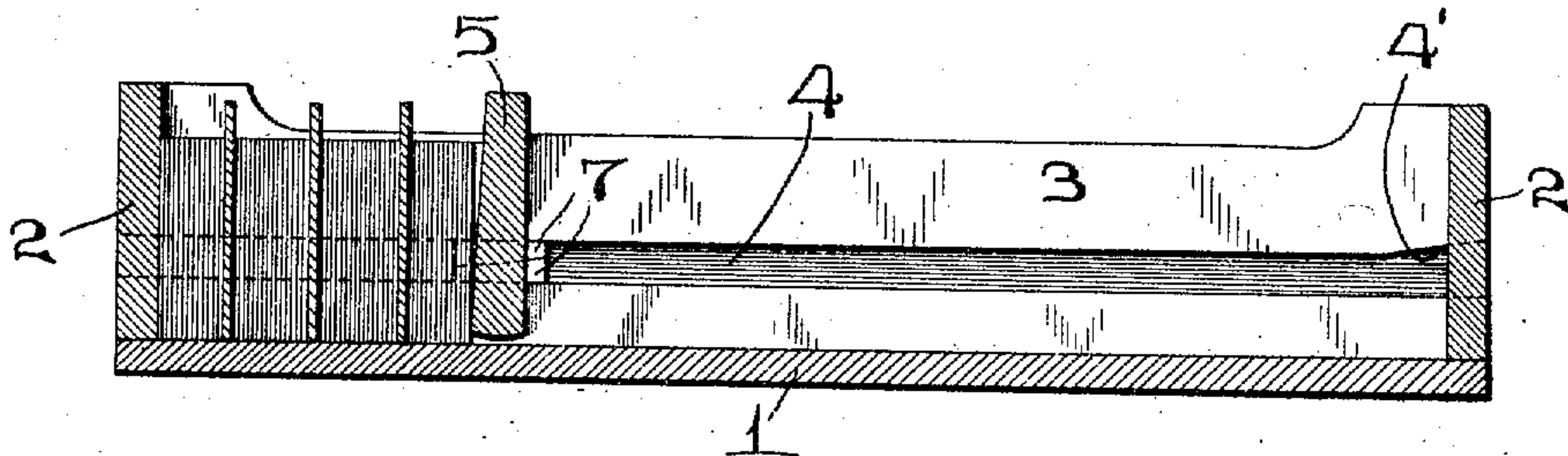


FIG. II.

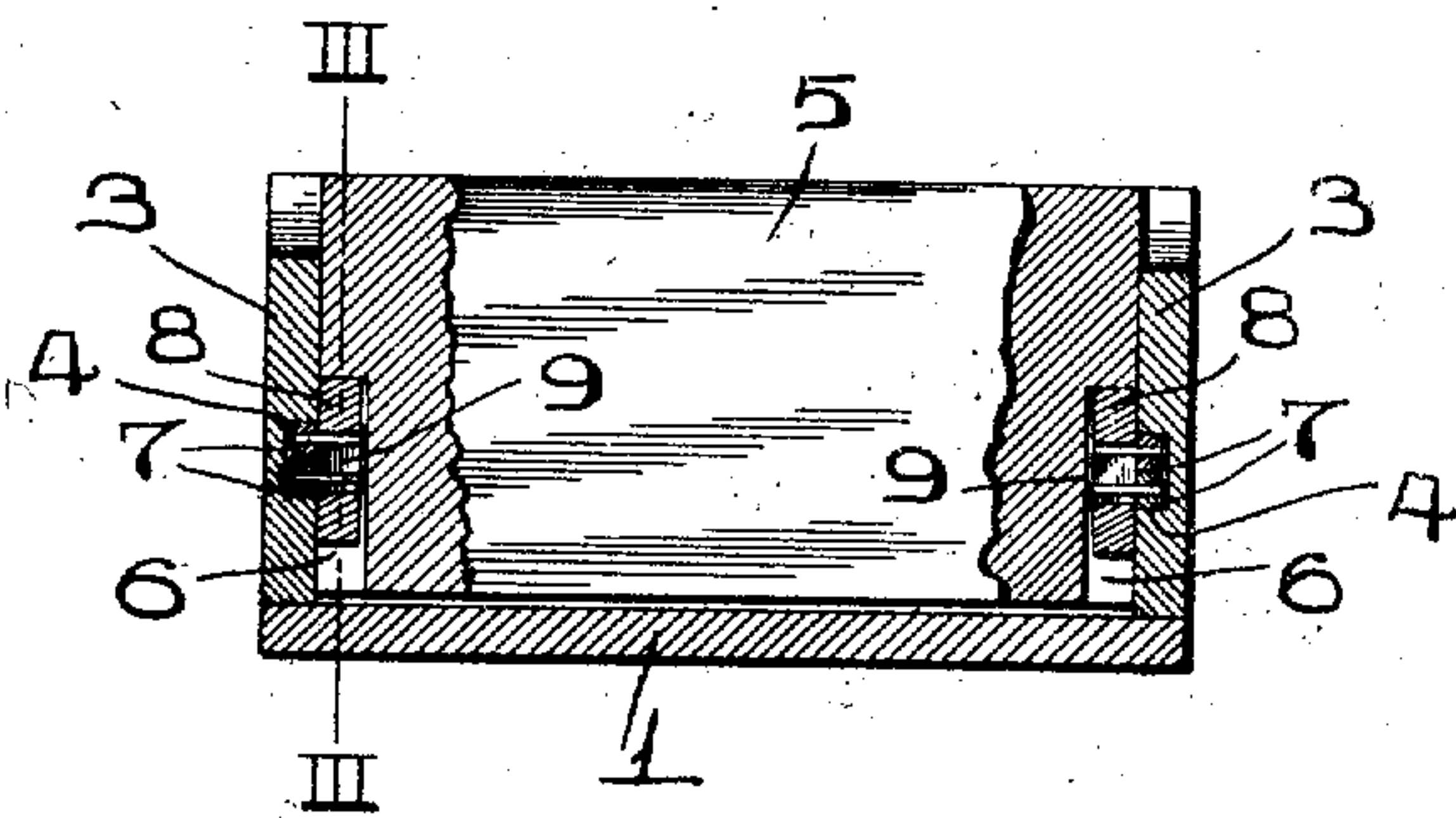


FIG. III.

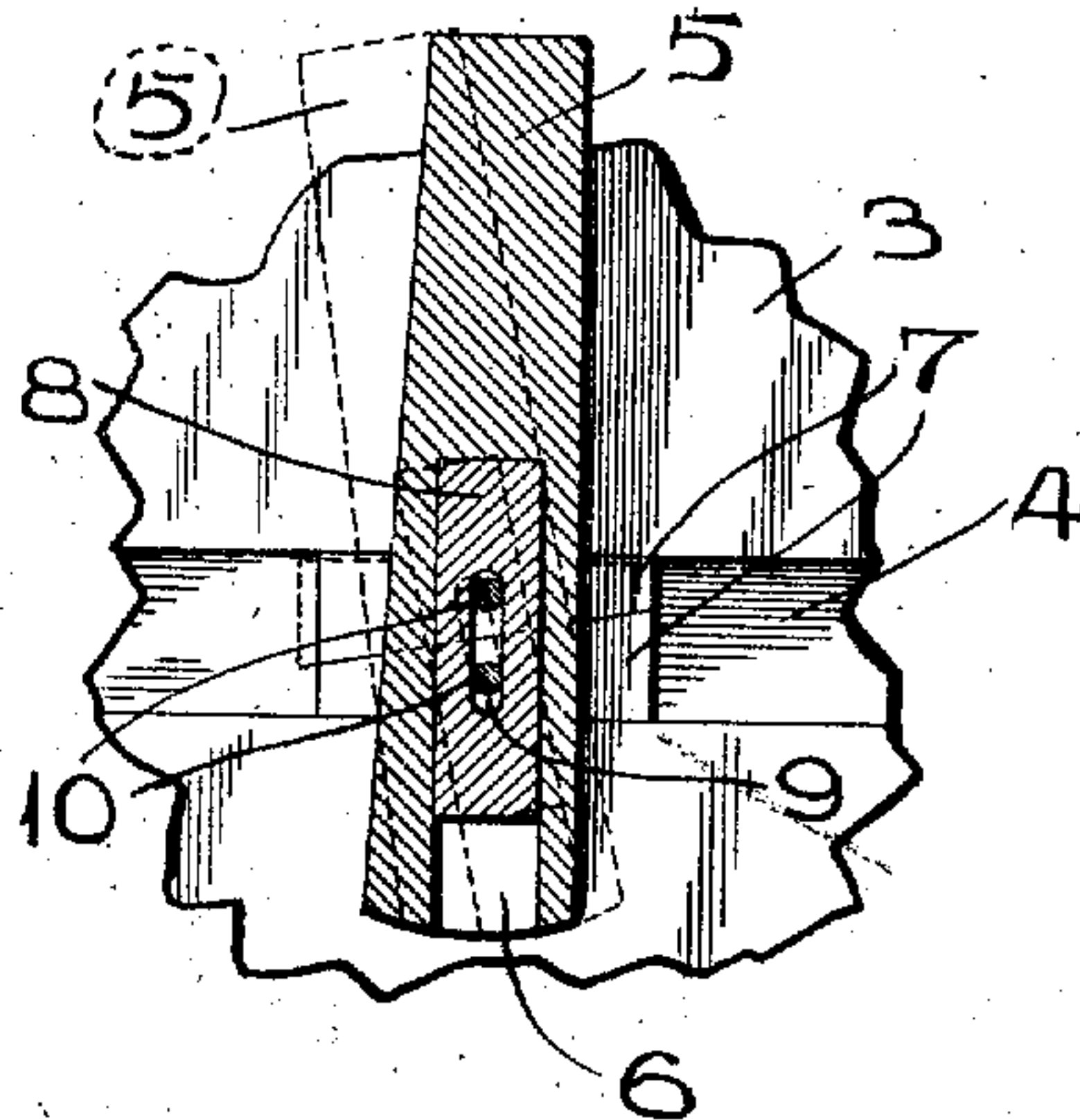


FIG. IV.

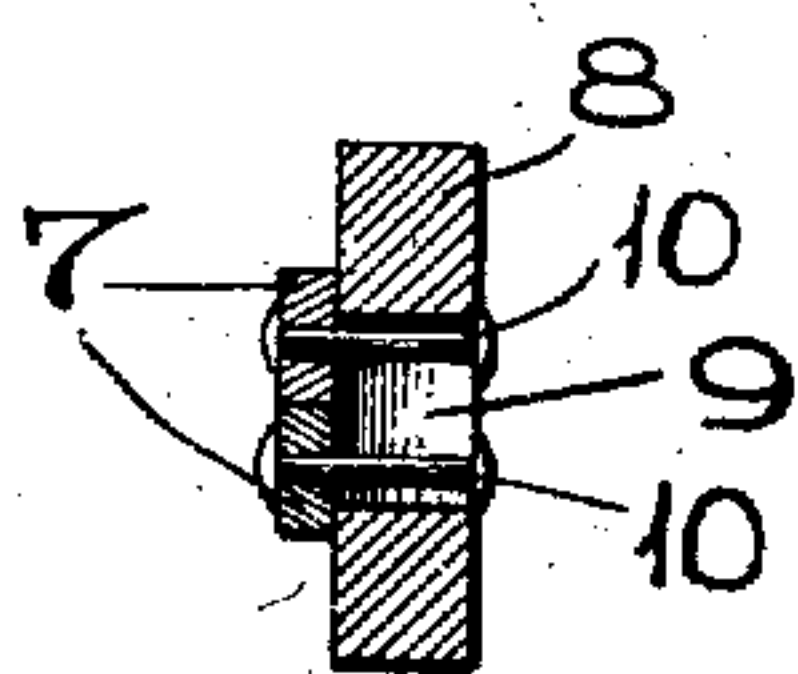
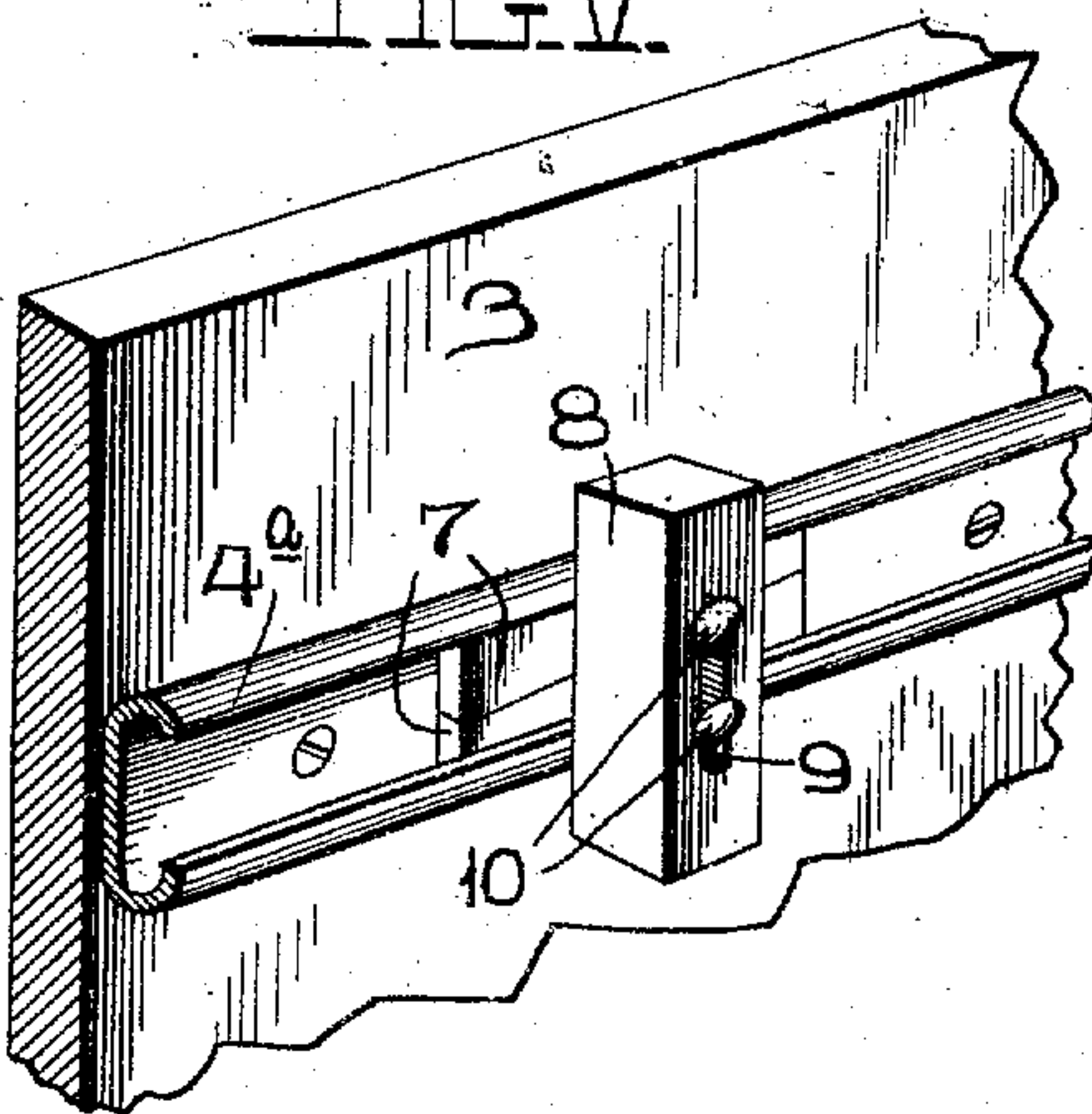


FIG. V.



ATTEST.

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FILING-BOX.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN MARSHALL, a citizen of the United States of America, residing in the city of St. Louis and State of Missouri, have invented certain new and useful Improvements in Filing-Boxes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming part of this specification.

My invention relates to a filing box that may be used separately from a case or be in the form of a drawer of a cabinet or case to serve as a receptacle for papers of any description which it may be desired to file therein

The invention has for its object to provide simple and inexpensive means whereby a follower mounted in the box may be held firmly in any position to which it may be adjusted and which means is readily operated through the medium of the follower to permit of the follower being shifted in the box.

Figure I is a longitudinal vertical section taken through my filing box. Fig. II is a vertical cross section taken through the box, the follower being shown partly in elevation. Fig. III is an enlarged vertical section taken on line III—III, Fig. II. Fig. IV is an enlarged vertical section taken through one of the locking devices with which the follower of my box is associated. Fig. V is a perspective view of the fragment of one of the side walls of the box, one of the locking devices and a modified form of channel in conjunction with which the locking device operates.

Referring to the accompanying drawings: 1 designates the bottom of the box, 2 the end walls and 3 the side walls of the box. In the side walls 3 and extending longitudinally thereof are channels 4 preferably in the form of grooves but which may, if desired, be in the form of slots extending entirely through said walls.

5 designates a follower that extends transversely of the box within its walls and is adapted to be shifted rearwardly and inwardly relative to the end walls of the box. In the ends of this follower are pockets or grooves 6 that receive members to be presently more particularly referred to.

7 designates wedge shaped blocks arranged in pairs in the channels 4 of the side walls 3, each wedge block having its narrower end opposing the wider end of the other wedge block, whereby, when said blocks are moved in opposite directions in said channels so that the wider ends of the blocks are caused to approach each other, the blocks will become wedged in the channels, whereas, when the blocks are moved in the opposite direction to partially separate them, the binding action of the wedge blocks in the channels is discontinued and the blocks may be readily shifted to and fro in the channels.

8 designates rocker blocks provided with slots 9 and connected to the pairs of wedge blocks 7 by pivot pins

10. These rocker blocks serve as controlling members for the wedge blocks and they are seated in the pockets 6 at the ends of the follower 5 in order that they may be rocked upon the follower when the follower is tilted to cause them to throw the wedge blocks into wedging or free conditions in the channels contained by the side walls of the box.

In the practical use of my filing box, the wedge blocks 7 are mounted in the channels 4 of the box side walls while in a partially separated or spread condition in order that they may be readily introduced into the channels and then wedged in the channels. The follower 5 is then fitted to the rocker blocks by introducing it into the box and causing said blocks to enter into the pockets at the ends of the follower. The wedge blocks now act to hold the follower from movement until said follower is tilted into the position shown in dotted lines Fig. III to release the wedge blocks from binding action in the channels after which the follower may be shifted forwardly or rearwardly as desired in the filing box while the wedge blocks ride in their respective channels. The follower having been brought to a desired position, is again locked from movement by placing it in an upright position to renew the wedging action of the wedge blocks.

For the purpose of providing for the follower being moved entirely to the front end of the box each of the side wall channels is widened at its rear end as seen at 4', Fig. I, whereby the wedge blocks are permitted to move upwardly when they reach the rear ends of the channels and as a consequence, the follower may be brought directly into contact with the rear end wall of the box.

In Fig. V, I have shown a modification in which I provide the required channels for the wedge blocks by applying to each side wall of the filing box a channel shaped strip 4" of metal instead of grooving or slotting said side walls to provide the channels. The wedge blocks may be operated in these channel strips with the same efficiency as that in which they are operated in channels of the first described form.

I claim:

1. A filing box having a wall provided with a channel, a pair of wedge blocks loosely mounted in said channel and opposing each other, a rocker block having pivotal connection with each of said wedge blocks, and a follower fitted to said rocker block, substantially as set forth. 100
2. A filing box having a wall provided with a channel, a pair of wedge blocks associated with each other, and loosely mounted in said channel, a rocker block, pins pivotally connecting said wedge blocks independently of each other to said rocker block, and a follower fitted to said rocker block, substantially as set forth. 105
3. A filing box having a wall provided with a channel, a pair of wedge blocks associated with each other and loosely mounted in said channel, a slotted rocker block associated with said wedge blocks, pivot pins mounted in said wedge blocks and extending into the slot in said. 110

rocker block, and a follower fitted to said rocker block, substantially as set forth.

- 5 4. A filing box having a pair of side walls each provided with a channel, pairs of wedge blocks loosely mounted in said channels, rocker blocks having pivotal connection with said wedge blocks, and a follower having pockets at its ends in which said rocker blocks are fitted, substantially as set forth.

5. A filing box having a wall provided with a channel, a

pair of wedge blocks loosely mounted in said channel and 10 opposing each other, a follower, and means associated with said follower and wedge blocks by which the wedge blocks are shifted into and out of wedging action in said channel, substantially as set forth.

JOHN MARSHALL.

In the presence of—

H. G. Cook,

Lily Rost.