

No. 695,660.

Patented Mar. 18, 1902.

J. SWAN.  
TOOL BOX.

(Application filed Dec. 13, 1901.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 1.

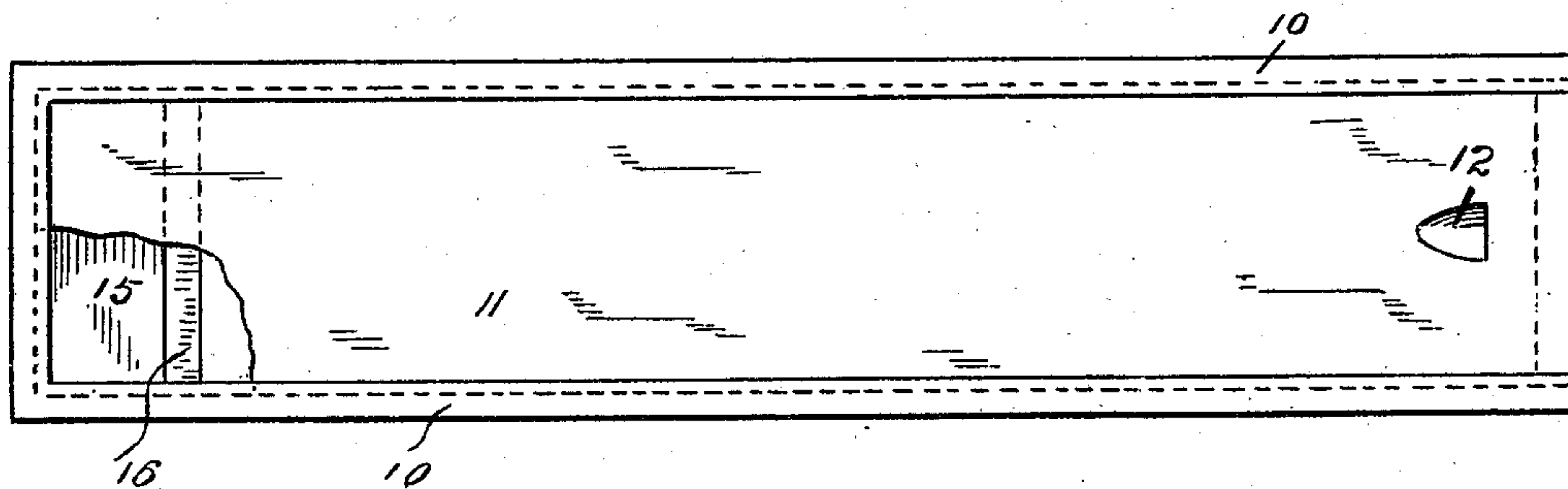


Fig. 2.

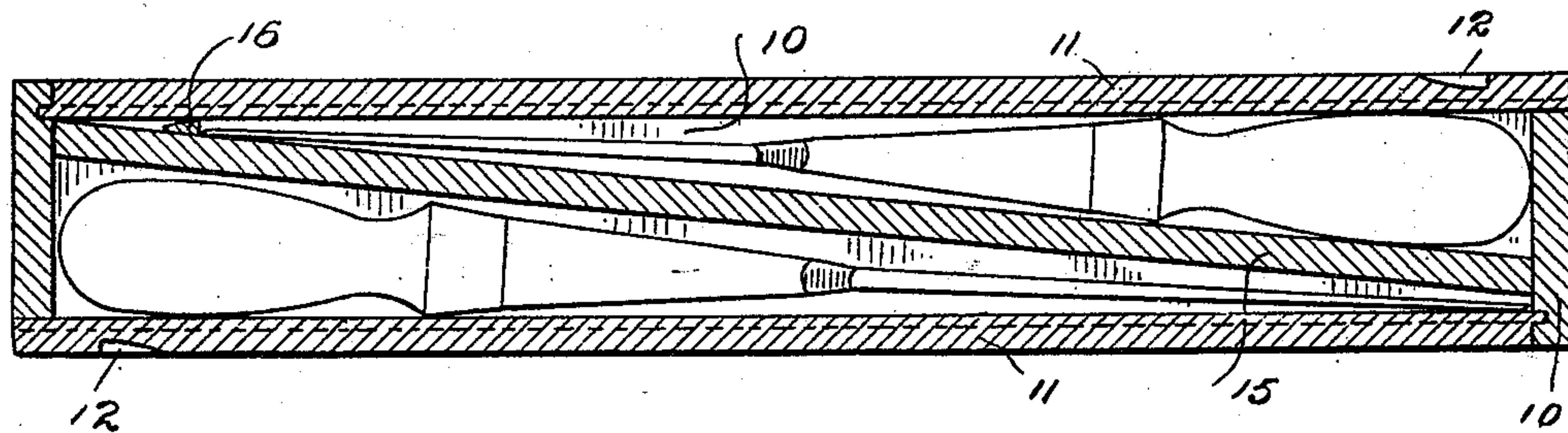
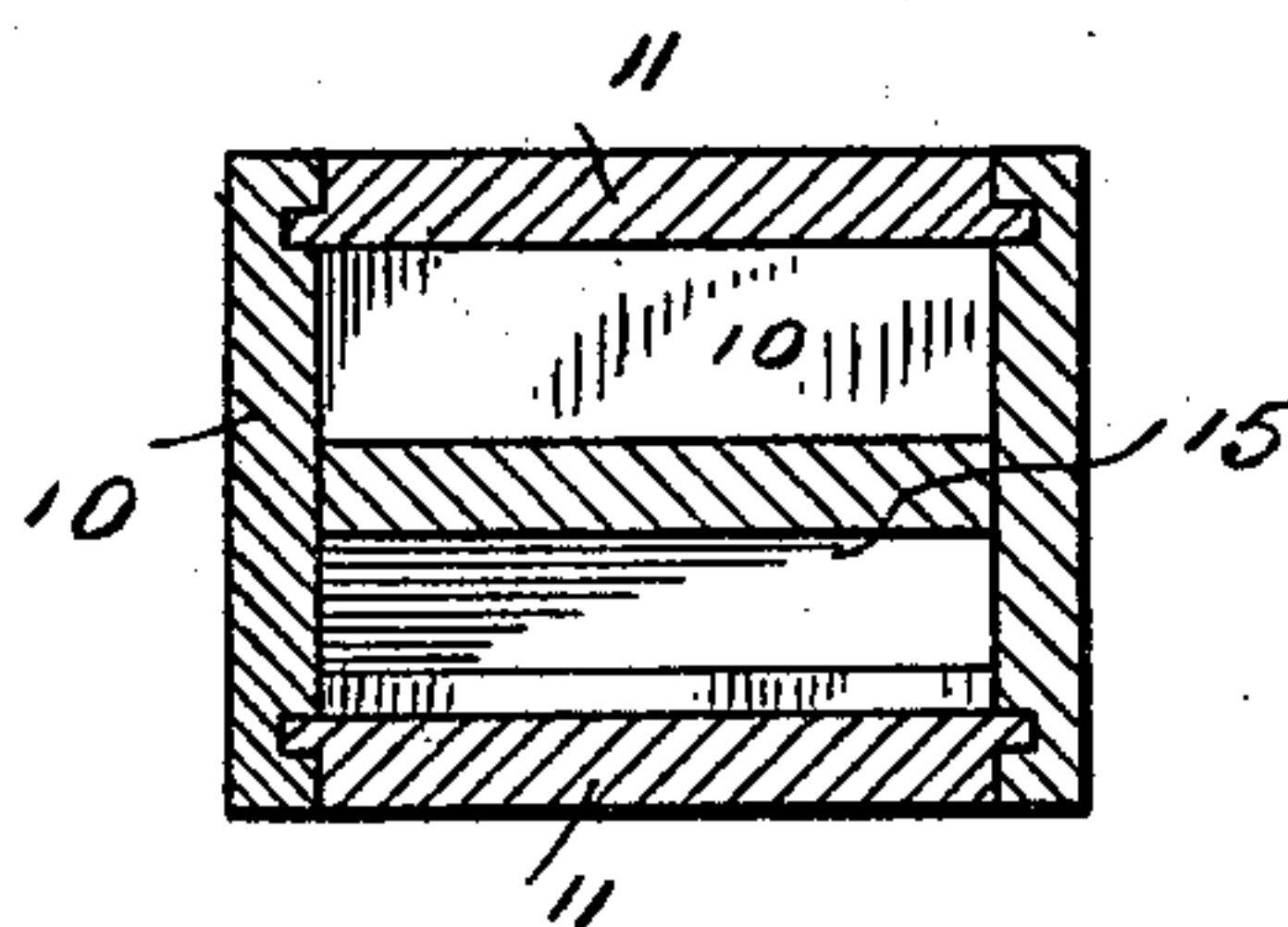


Fig. 3.



WITNESSES.

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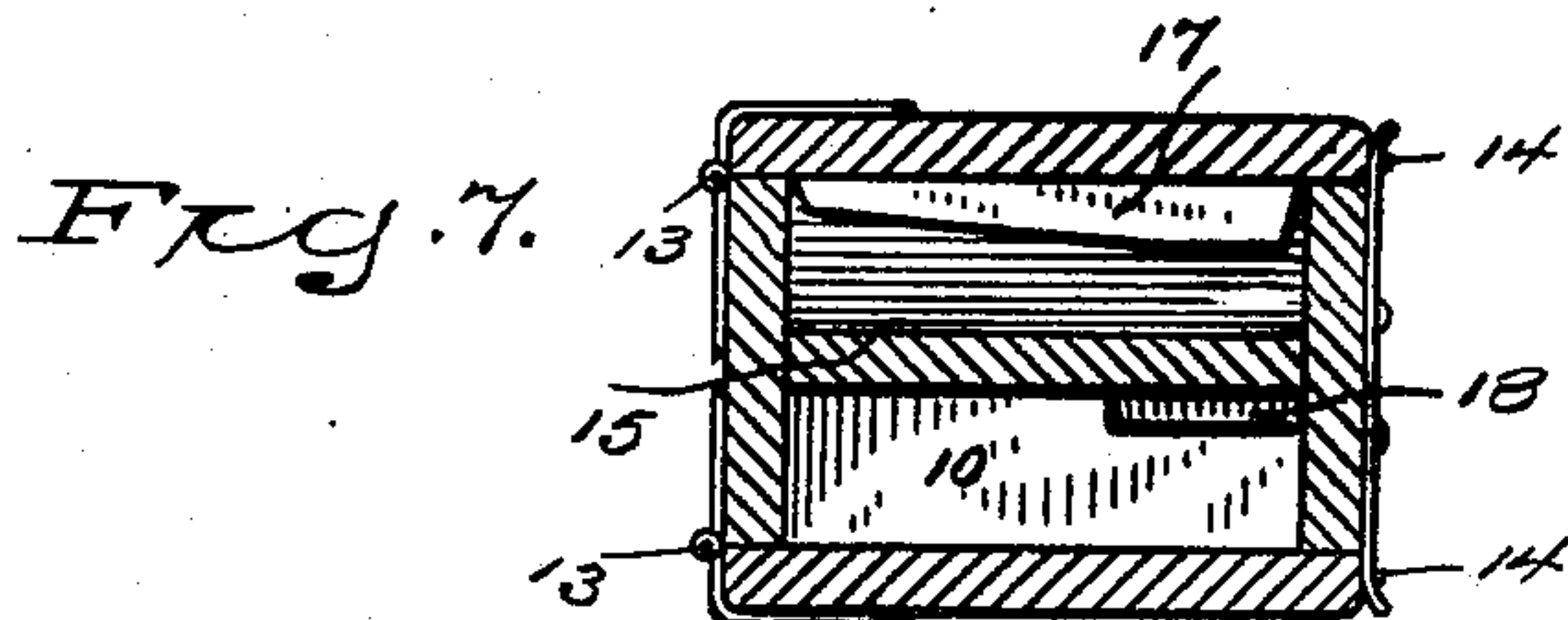
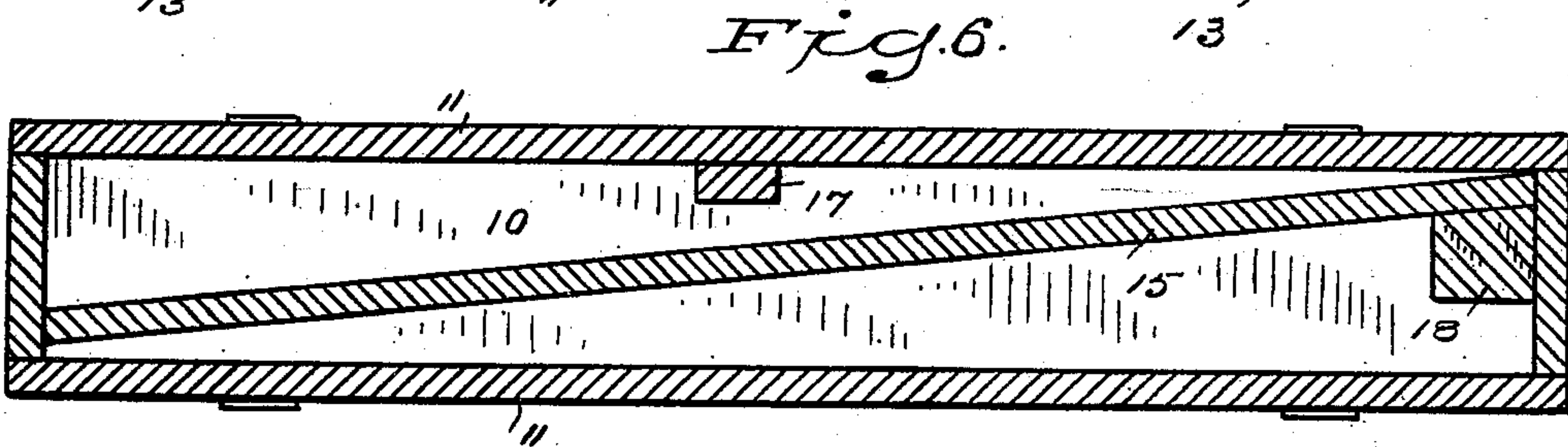
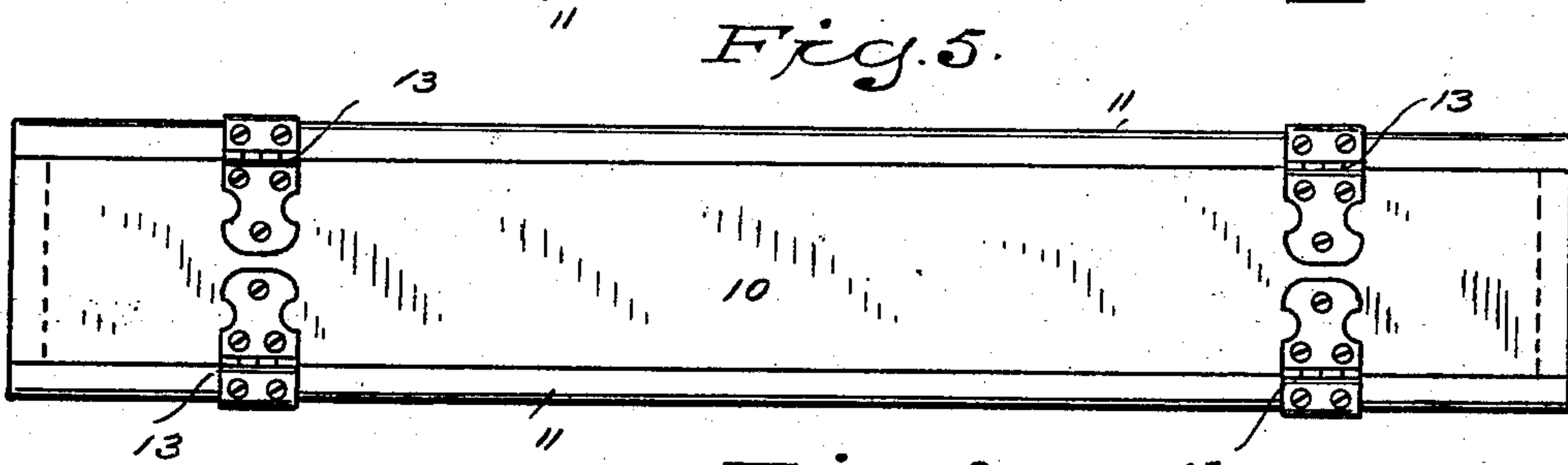
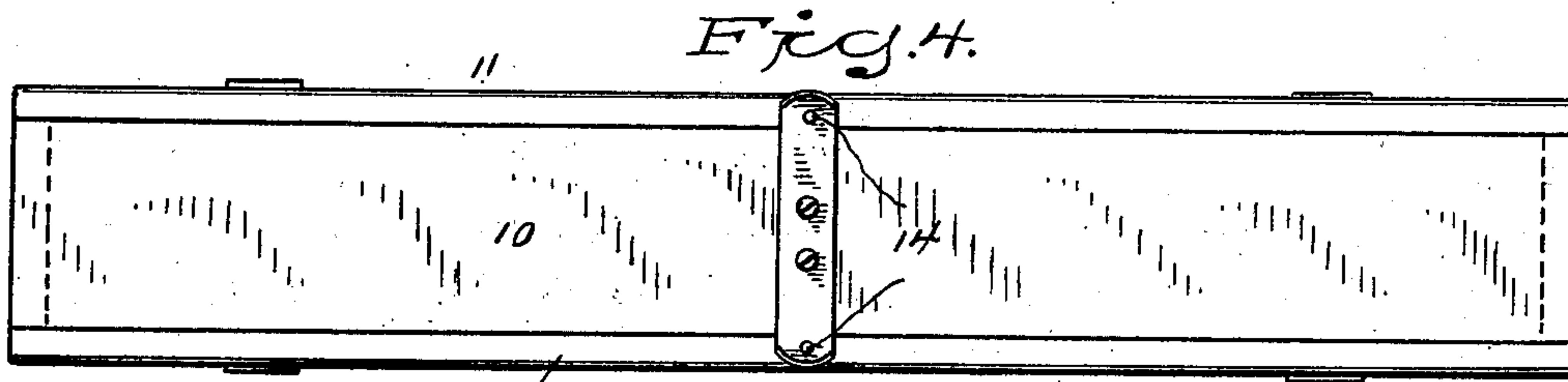
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# UNITED STATES PATENT OFFICE.

JAMES SWAN, OF SEYMOUR, CONNECTICUT.

## TOOL-BOX.

SPECIFICATION forming part of Letters Patent No. 695,660, dated March 18, 1902.

Application filed December 13, 1901. Serial No. 85,769. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES SWAN, a citizen of the United States, residing at Seymour, county of New Haven, State of Connecticut, have invented a new and useful Tool-Box, of which the following is a specification.

My invention has for its object to provide a tool-box that will carry a number of tools—as, for example, chisels or bits—of different sizes and in such a way that any tool in the box may be picked out without disturbing any of the others, thus making it wholly unnecessary to take out and replace a number of tools in order to find the one required; and my invention consists in providing a suitable box for the purpose described with covers or lids on opposite sides thereof and with an intermediate partition or diaphragm, suitable stops being provided in case the box is made for chisels to limit the endwise movement of the smaller chisels.

In the accompanying drawings, forming part of this specification, Figure 1 is a plan view illustrating a slide-cover box for chisels, this special size of box being adapted to carry two relatively large chisels on one side of the partition and three relatively small chisels on the other side of the partition; Fig. 2, a longitudinal section corresponding with Fig. 1, showing the box provided with an inclined partition to adapt it more especially to receive chisels; Fig. 3, a transverse section corresponding with Fig. 1, the chisels being omitted; Fig. 4, a front elevation, and Fig. 5 a rear elevation, of a hinged-cover box; Fig. 6, a longitudinal section corresponding with Fig. 2, and Fig. 7 a transverse section corresponding with Fig. 3, but showing slight changes in details of construction.

10 denotes the box proper, ordinarily made of wood and provided with covers 11 on opposite sides thereof. The size and general shape of the box is of course immaterial so far as the principle of my invention is concerned, it being contemplated to make boxes of the required shape and size to accommodate a predetermined number of tools in two layers, the essential feature of the invention being that the box is provided with covers on opposite sides thereof. These cov-

ers may be of any ordinary or preferred style, it being wholly immaterial whether slide or hinged covers are used.

In Figs. 1, 2, and 3, I have illustrated boxes provided with slide-covers and having the usual finger-recesses 12 for convenience in opening, and in Figs. 4, 5, 6, and 7 I have illustrated boxes having covers hinged at one edge, as at 13, said covers being provided on the opposite edge with fastening devices 14, which may be of any ordinary or preferred construction.

15 denotes a partition placed intermediate the covers and dividing the box into two independent compartments. In preparing boxes especially for chisels I preferably secure the partition in an inclined position, as in Figs. 2 and 6, making each compartment considerably higher at one end than at the other. This is in order to provide ample room for the handles at opposite ends of the box, the blades of the chisels lying horizontally, as indicated in Figs. 1 and 2. In order to more conveniently accommodate the large chisels, I preferably place the partition slightly nearer to one cover than to the other, as indicated in Fig. 2, in which it will be noted that the lower compartment is slightly higher than the upper compartment. This is in order to provide ample room for the blades of the larger chisels and prevent the blades from wedging the cover even when moved to their farthest position forward. In order to prevent the smaller chisels in the lower compartment from becoming moved forward, so as to wedge the cover, I provide suitable stops. In Figs. 1 and 2 I have shown a stop in the smaller compartment, the upper one in this view consisting of a cross-piece 16, secured to the partition, this cross-piece acting to prevent the chisels from moving forward past it and wedging the cover. In a hinged-cover box, as in Figs. 6 and 7, I accomplish the same result by means of a cross-piece 17, secured to the under side of one of the covers and ordinarily made higher on one side than on the other, so as to hold the smallest chisels in the set. 18 denotes a block which may be placed, if preferred, at the large end of the larger compartment, on one side only of said compartment, so as to limit the



endwise movement of the smaller of the two chisels placed in that compartment.

Where the boxes are required to carry a larger number of tools, they are, of course, 5 made wider, the principle, however, remaining the same, and the partition ordinarily being placed nearer to one cover than to the other, so as to provide a relatively high compartment to receive less than half of the tools, but 10 the larger ones, the other compartment receiving a larger number of tools, but the smaller ones. It will be seen that upon opening either compartment all the tools therein are in view and of equally convenient access, 15 so that any tool may be removed without disturbing the others. Should the operator want a larger or smaller tool than the ones in the compartment opened, he closes that compartment, turns the box over, and opens the other 20 compartment.

Having thus described my invention, I claim—

A tool-box of the character described provided with an intermediate inclined partition and with covers on opposite sides thereof said 25 covers being capable of independent movement to give access to either compartment of the box, a tool-retaining stop attached to the partition and adapted to prevent lengthwise movement of the tool, and means for preserv- 30 ing the connection of each cover with the box when partially open to afford access to a compartment.

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

JAMES SWAN.

Witnesses:

O. E. HURLBURT,  
JOHN SWAN.