

(No Model.)

G. V. NAUERTH & J. M. JENKINS.

LETTER FILE BOX.

No. 315,157.

Patented Apr. 7, 1885.

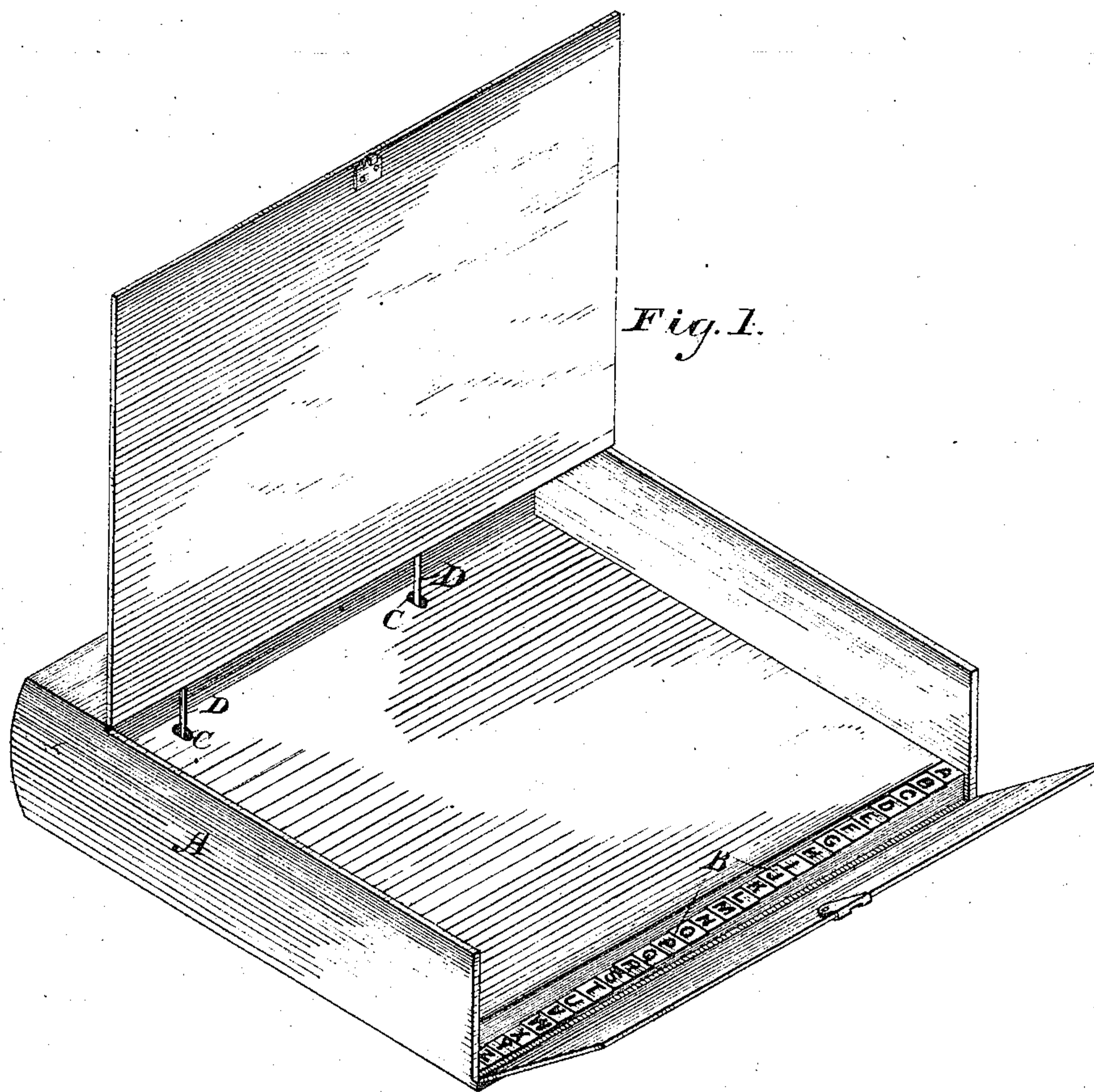


Fig. 3.

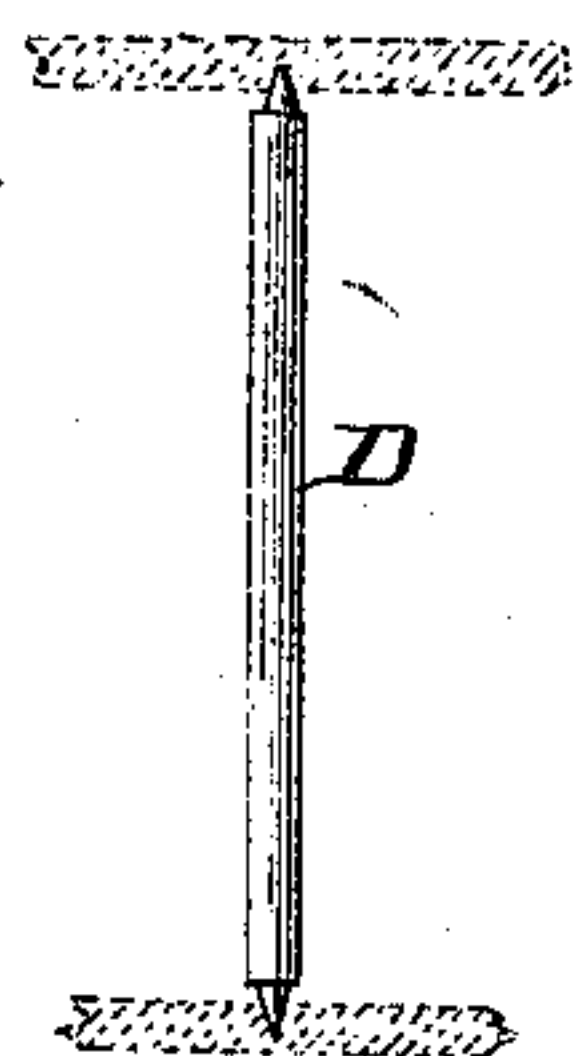


Fig. 2.

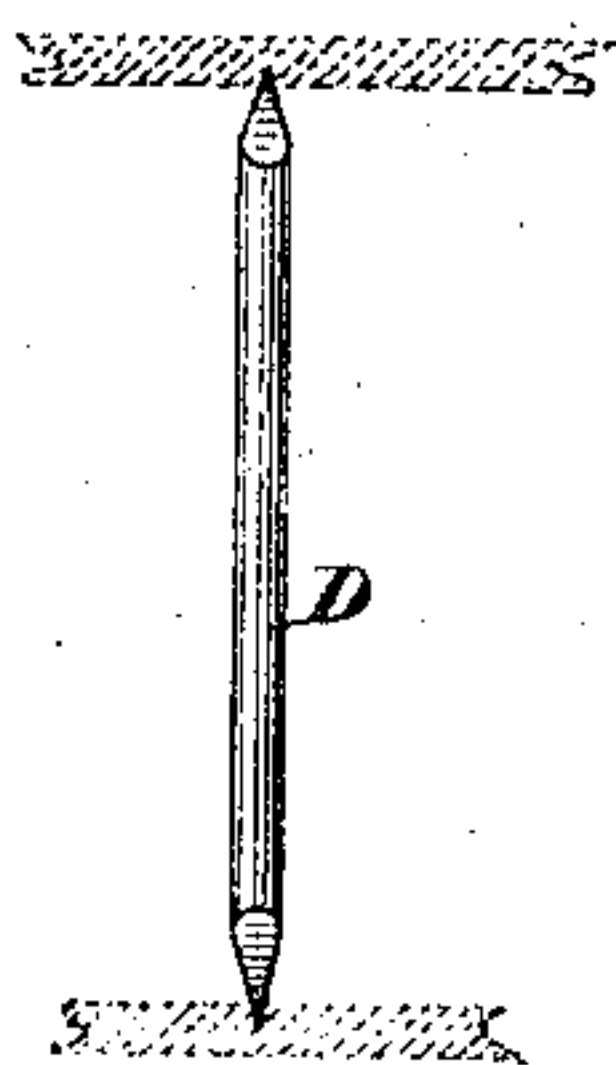
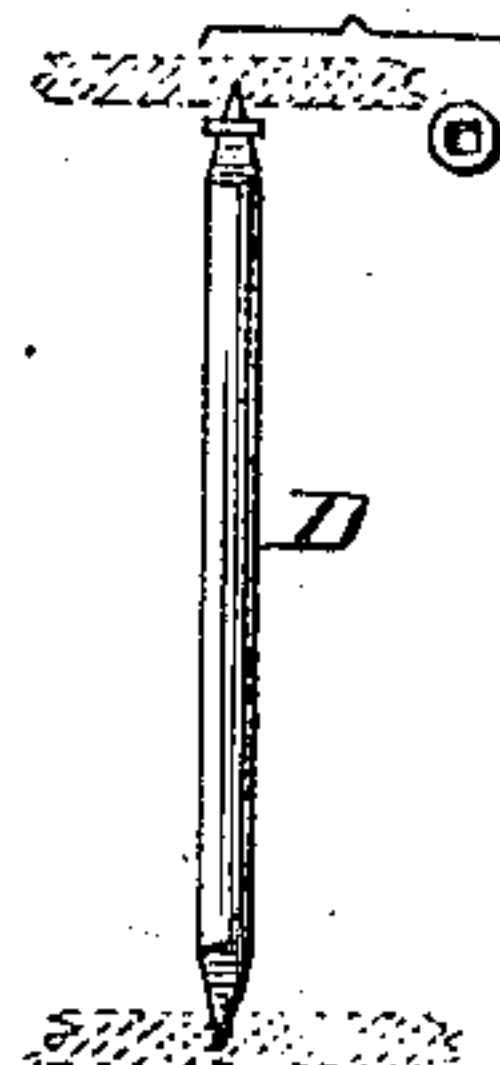


Fig. 4.



WITNESSES

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GEORGE V. NAUERTH, OF CINCINNATI, AND JOHN M. JENKINS, OF CARTHAGE, ASSIGNORS TO THE GLOBE FILES COMPANY, OF CINCINNATI, OHIO.

LETTER-FILE BOX.

SPECIFICATION forming part of Letters Patent No. 315,157, dated April 7, 1885.

Application filed December 12, 1883. (No model.)

To all whom it may concern:

Be it known that we, GEORGE V. NAUERTH, of Cincinnati, county of Hamilton, State of Ohio, and JOHN M. JENKINS, of Carthage, county of Hamilton, State of Ohio, have jointly invented a certain new and useful Improvement in Letter-File Boxes, of which the following is a specification.

The object of our invention is to provide a convenient, economical, and substantial means of securing the disconnected index leaves or sheets in a thin box, so as to enable them to be readily slid apart as occasion may require.

Figure 1 of the accompanying drawings represents our file-box open, A being the box, B the index-sheets, C C perforations in these sheets, and D D rods extending through these perforations and affording stays by which the leaves are secured in place and ways on which they may freely slide. Fig. 2 shows one of these rods, which may, if preferred, be made with a shoulder at one or both ends, or a small perforated rim of metal may be placed round the point made to answer the purpose of a shoulder; Figs. 3 and 4, views illustrating the modification just mentioned.

These rods must necessarily be introduced after the sheets are in their place. If inserted through the walls of the box, the box would thereby be weakened, and require projections or nuts on the outside of the walls to prevent the rods from becoming loosened and dropping out of the box. These walls are too thin to admit of countersinking, and any perforation which would weaken as well as mar them is to be avoided. Any projection within the box would be seriously objectionable even if it were practicable to provide such projections and to fasten the rods within them after the index-sheets were in place. The labor of making special provision in the box for the reception of these rods would also add to the expense of construction, while depreciating the value of the box.

We find that by making the rods pointed, as shown in Figs. 2, 3, or 4, and slightly longer than the interior thickness of the box, and availing ourselves of the slight elasticity or flexibility of the walls of the box in introducing them into place, and of the perforations already formed in the index-leaves at uniform distances from their respective edges, as guides to their proper position, we can avoid all these difficulties and obtain with great economy a secure fastening upon which the sheets readily slide, and which, instead of weakening the box, serves to strengthen it against the external knocks or pressure in handling to which it is liable.

The walls of the box between which the rods are embraced are composed of thin wood, tar-board, straw-board, or other suitable material. The index-sheets, with their perforations at such distances from their edges as it is desired the rods should be from the inner edges of the box are slid back against the rear of the box and the rods then introduced, the walls of the box being pressed apart sufficiently for this purpose, and when springing back, aided, if necessary, by a slight pressure, embedding the points of the rods sufficiently to hold them firmly and permanently in position.

We prefer to place a fillet of muslin or other tenacious material around the perforations of the index-sheets; but this may be omitted.

The rods may be cut from wire or other suitable material.

We claim—

In combination with the flexible walls of a file-box, the pointed rods, one or more, introduced into the perforations of the index-sheets and secured between the walls, substantially as described.

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Witnesses:

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