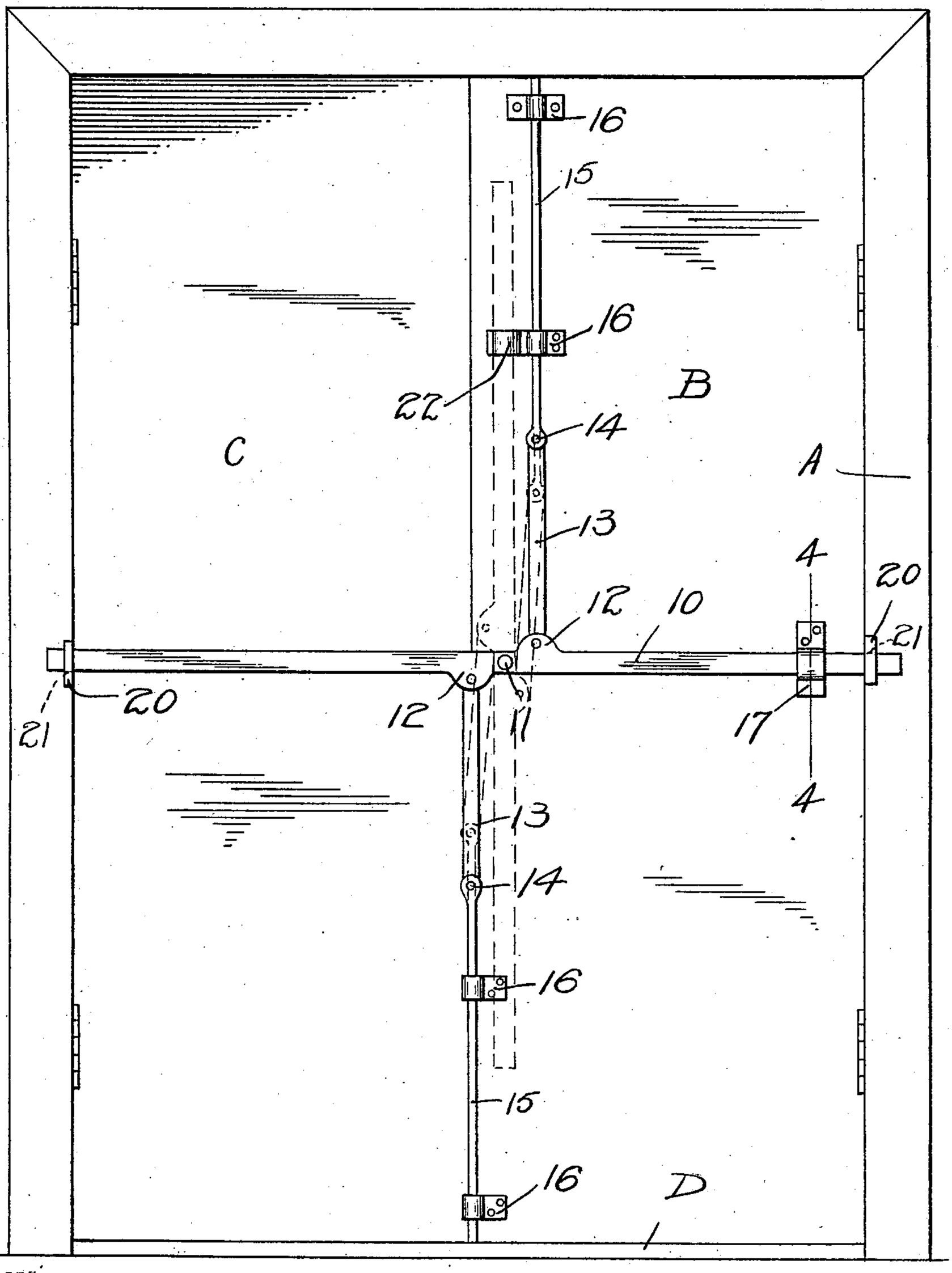
No. 884,161. PATENTED APR. 7, 1908.

L. C. JENSEN.

DOOR FASTENER.

APPLICATION FILED AUG. 13, 1907.

2 SHEETS—SHEET 1.



WITNESSES:
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Fig. 1.

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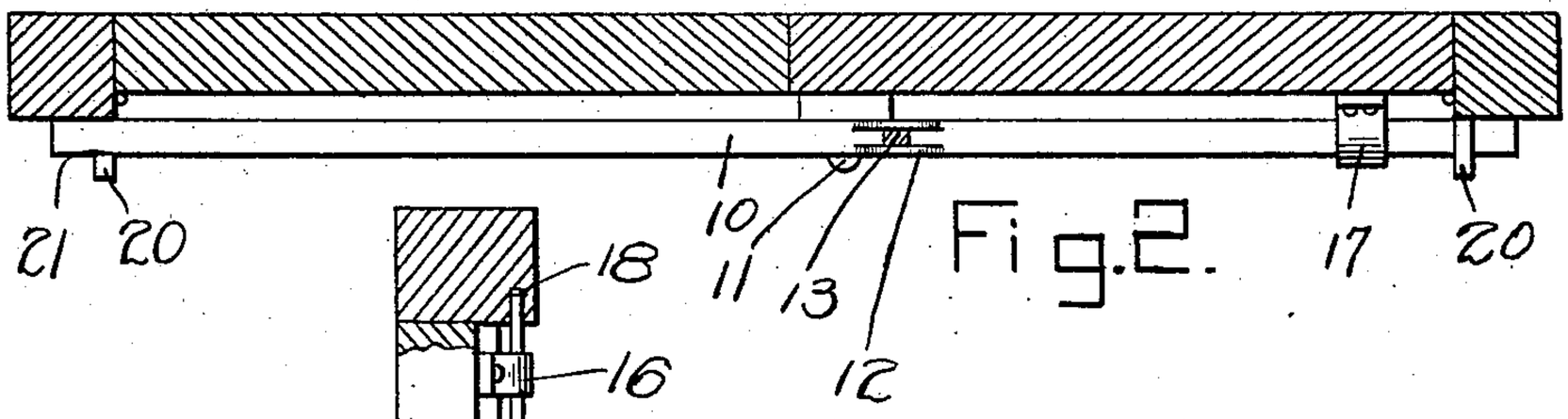


Fig. 2.

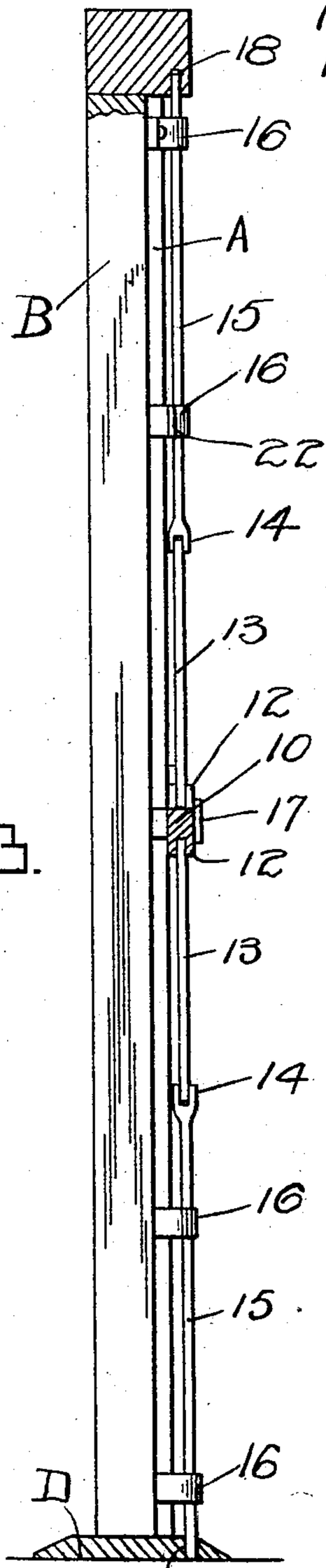
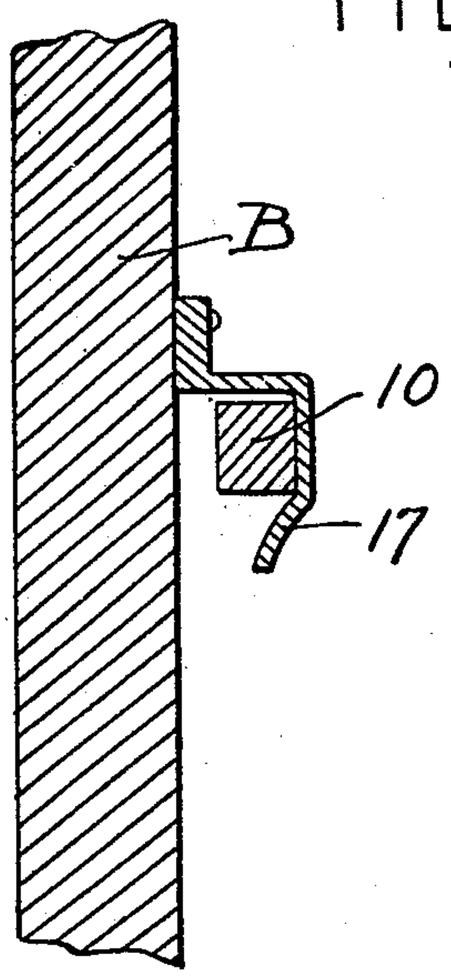


Fig. 3.

Fig. 4



Witnesses

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UNITED STATES PATENT OFFICE.

LARS C. JENSEN, OF OKLAHOMA, OKLAHOMA.

DOOR-FASTENER.

No. 884,161. Specification of Letters Patent. Patented April 7, 1908.

Application filed August 13, 1907. Serial No. 388,397.

To all whom it may concern:

Be it known that I, LARS C. JENSEN, a citizen of the United States, residing at Oklahoma city, in the county of Oklahoma, Oklahoma, have invented certain new and useful Improvements in Door-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to new and useful improvements in door fasteners and it has more particular reference to a door fastener which is especially adapted for use on double doors and which comprehends an operating bar serving the function of a latch, and sliding bolts operatively connected with said bar.

In connection with a door fastener of the above type, the invention aims as a primary object to provide a novel construction, combination and arrangement of parts, the details of which will appear in the course of the following description, in which reference is had to the accompanying drawings, forming a part of this specification, like characters of reference designating similar parts throughout the several views, wherein:

Figure 1 is an elevation showing the invention as applied to double doors; Fig. 2 is a horizontal section showing the manner of engaging the operating bar above referred to. Fig. 3 is a vertical section showing the manner of engaging the sliding bolts above referred to. Fig. 4 is a section on the line 4—4 of Fig. 1.

In the accompanying drawings the letter A denotes the door frame, the letter B one of the hinge doors and the letter C the opposing hinge door. The operating bar is designated by the numeral 10 and is pivoted centrally of its length as at 11 to the door B adjacent the edge thereof. The bar 10 is formed on each side of its pivot 11 with oppositely extending pairs of spaced apertured ears 12 between which the ends of links 13 are pivotally received. The links 13, at their other ends, are pivoted as at 14 to upper and lower sliding bolts 15 arranged for movement through guide straps 16.

The door B carries at one side thereof a spring clip 17, which is designed to engage the end of the bar 10 when the latter is in its horizontal operative position. The frame A has its upper bar provided with a socket 18 to receive the end of the upper bolt 15 and a similar socket 19 is provided in the door sill D. The vertical side bars of the frame A are provided with keepers 20, having relatively oppositely directed recesses 21 in which the ends of the bar 10 are received.

The upper guide strap 16 is provided with a projecting spring clip 22 similar in construction to the clip 17 which is designed to engage the bar 10 and hold the same in its vertical position when the fastener is out of use.

The manner of use will be readily apparent from the foregoing description. By swinging the bar 10 from its vertical position indicated in dotted lines in Fig. 1, to a horizontal position, its ends will engage in the keepers 20, and such movement of said bar 10 will result by means of the connections described, in moving the bolts 15 outwardly so as to engage their ends in the sockets 18 and 19. Movement of the bar 10 in a reverse direction withdraws said bolts from said sockets. It will be apparent that the provision of the spring clip 17, serves to prevent manipulation of the bar 10 from without the door.

While the invention is shown as applied to double doors, it is to be understood that it may be readily applied to a single door.

The invention is simple in its structural details, inexpensive to manufacture and practical and efficient in use.

From the foregoing description it will be seen that simple and efficient means are provided for accomplishing the objects of the invention, but while the elements herein shown and described are well adapted to serve the functions set forth, it is obvious that various minor changes may be made in the proportions, shape and arrangement of the several parts, without departing from the spirit and scope of the invention as defined in the appended claims.

What is claimed is:

A door fastener of the type set forth, com-

prising the combination with a hinged door and its casing, of an operated bar pivoted upon said door, a keeper carried upon said casing to receive the end of said operating bar, a spring clip carried upon said door for engagement with said bar when the latter is engaged in said keeper, a sliding bolt carried by said door, a socket in the door frame to receive the end of said bolt, and a link pivoted to said bar and to said bolt.

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

LARS C. JENSEN.

Witnesses:

R. B. COOKE,

TEDRE GUTHRIE.