

No. 753,585.

PATENTED MAR. 1, 1904.

G. KOCH.
BOOK HANDLE.

APPLICATION FILED SEPT. 26, 1903.

NO MODEL.

Fig. 1.

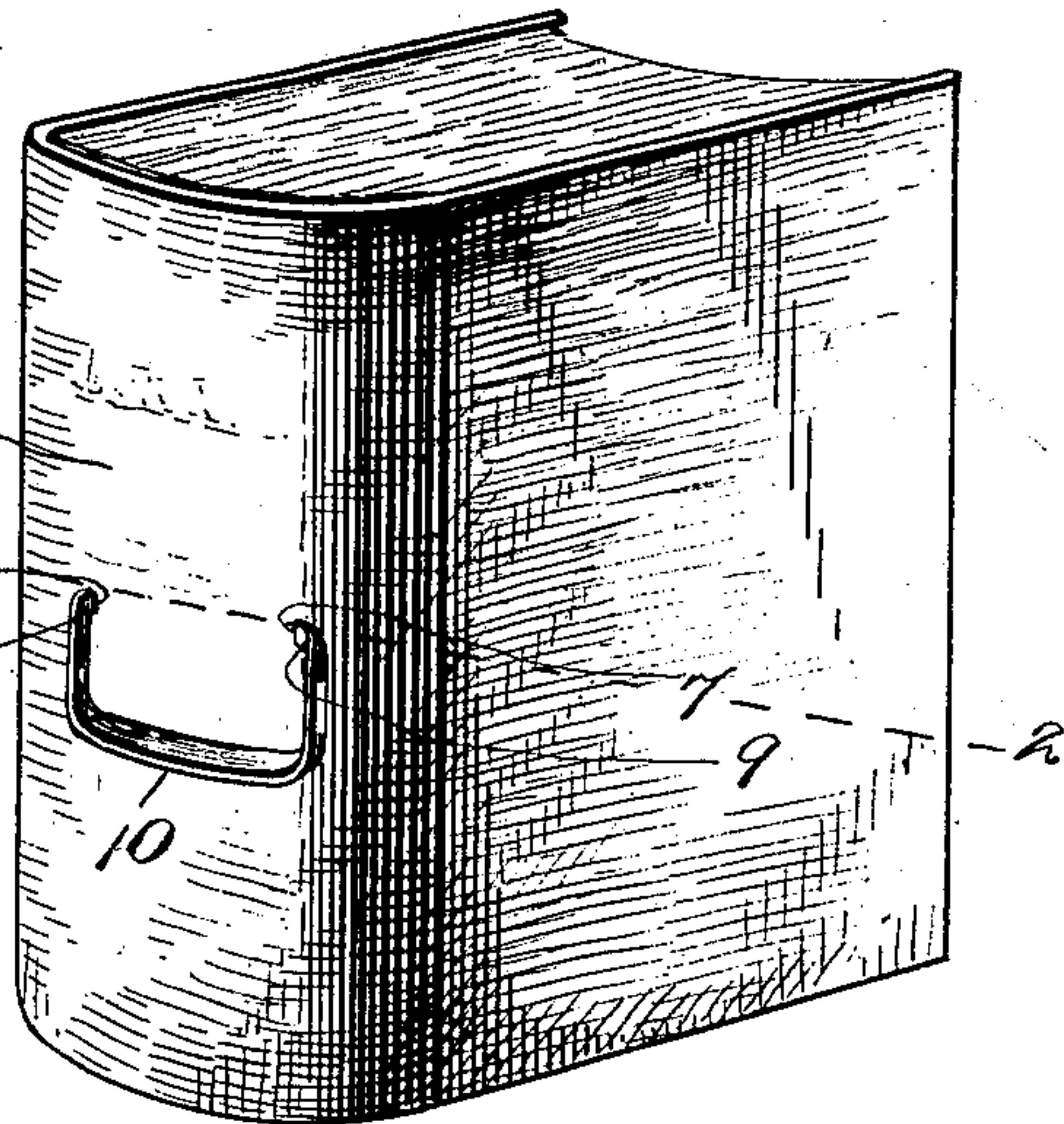


Fig. 6.

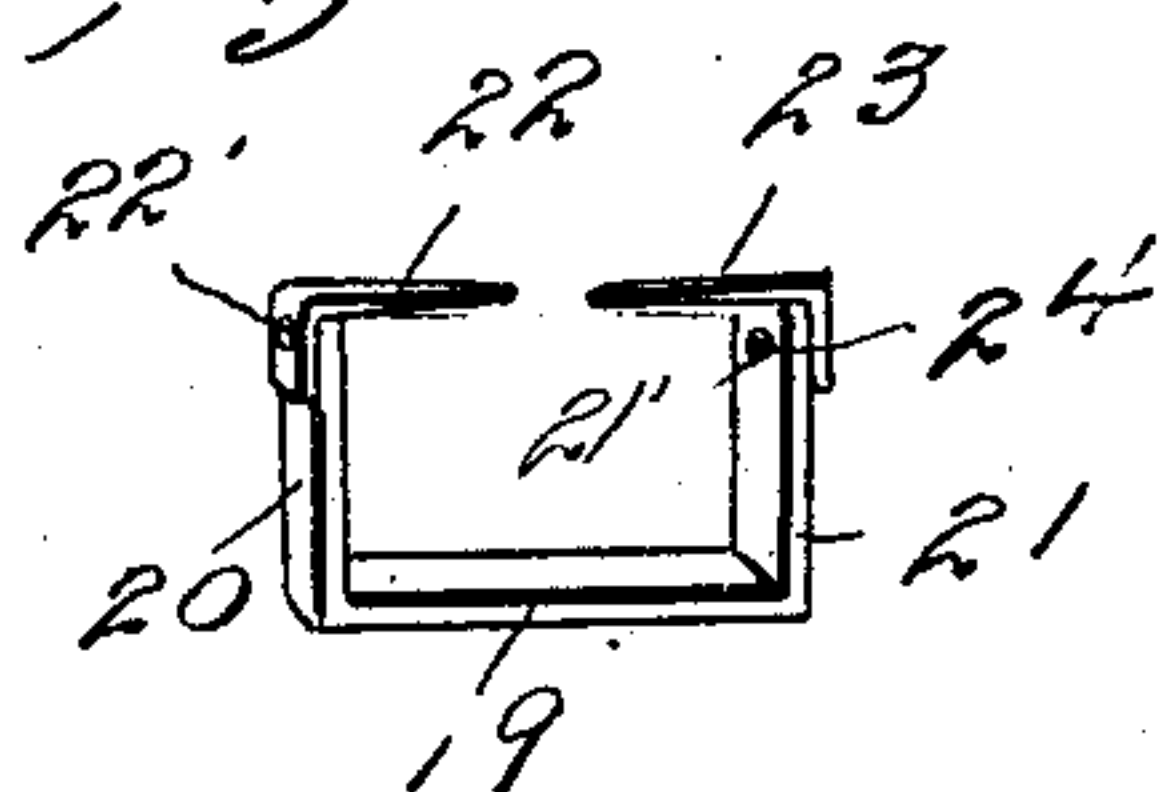


Fig. 5.

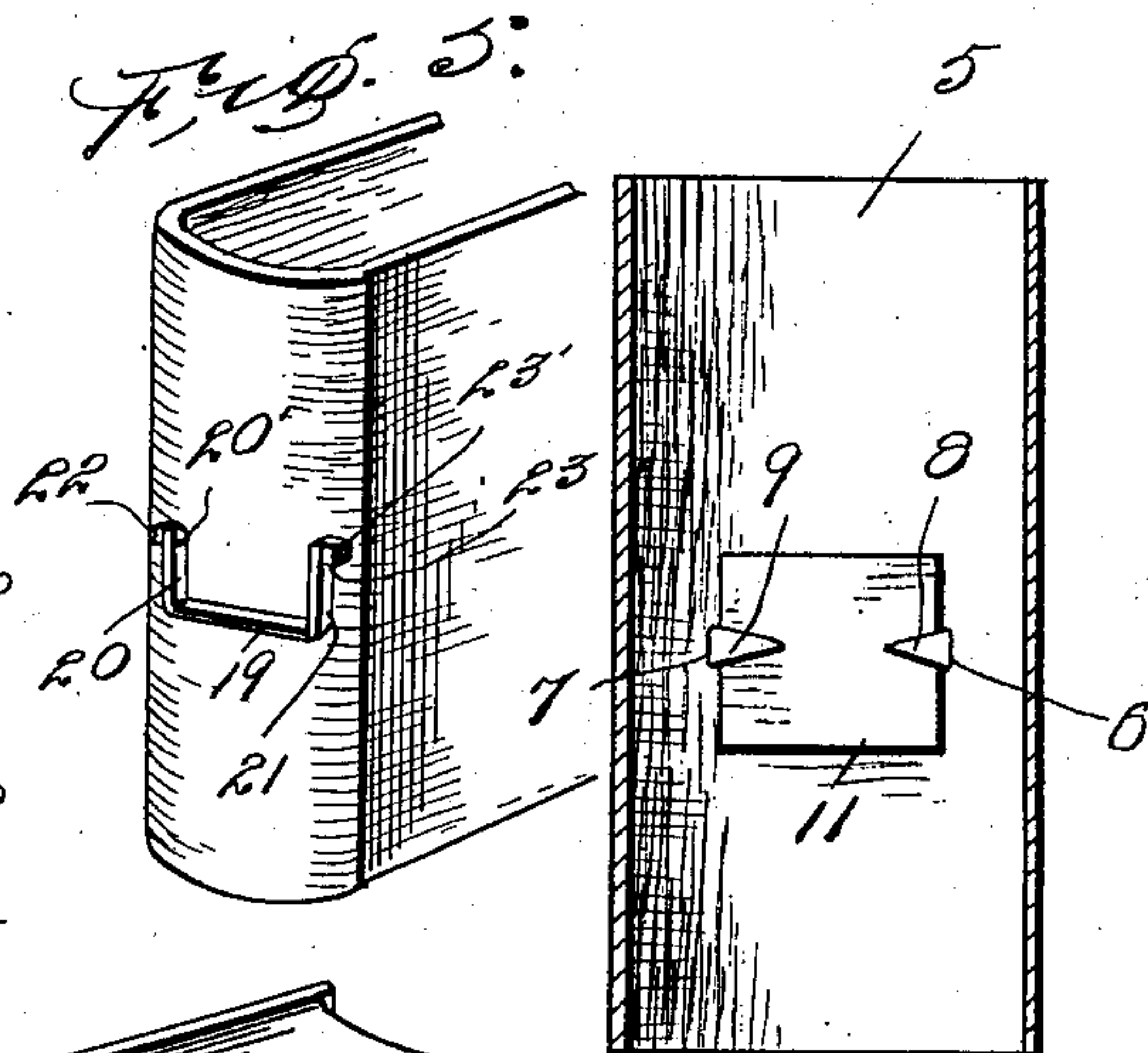


Fig. 3.

Fig. 2.

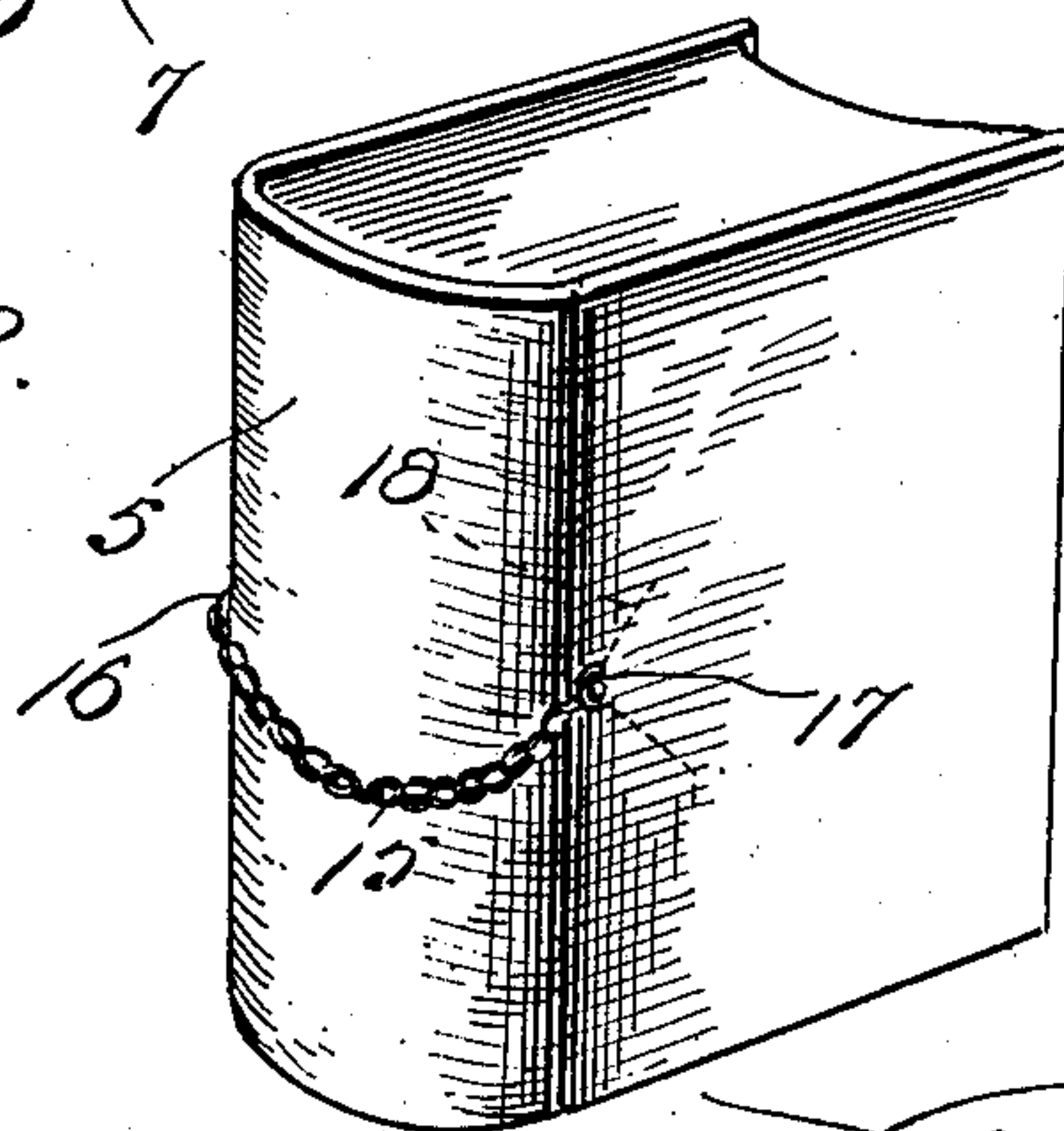


Fig. 4.

Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE KOCH, OF EAST SANDY, PENNSYLVANIA.

BOOK-HANDLE.

SPECIFICATION forming part of Letters Patent No. 753,585, dated March 1, 1904.

Application filed September 26, 1903. Serial No. 174,799. (No model.)

To all whom it may concern:

Be it known that I, GEORGE KOCH, a citizen of the United States, residing at East Sandy, in the county of Venango, State of Pennsylvania, have invented certain new and useful Improvements in Book-Handles; 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 ap-
 10 pertains to make and use the same.

This invention relates to books, and more particularly to handles therefor; and it has for its object to provide means which will make the removal of books from tightly-
 15 filled shelves comparatively easy, and which will add little to the original cost of the book.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several
 20 views, Figure 1 is a view of the back of a book provided with the present invention. Fig. 2 is a section on line of Fig. 2 2 of Fig. 1. Fig. 3 is a longitudinal section of Fig. 1, showing the inner face of the backing with
 25 the strip 12 removed. Fig. 4 is a view similar to Fig. 1, showing a modification. Fig. 5 is a perspective view showing a modification employing a chain. Fig. 6 is a view similar to Fig. 1, showing the use of the metallic
 30 handle; and Fig. 7 is a detail of the metallic handle removed.

Referring now to the drawings, there is shown the back 5 of a book having slots 6 and 7 therethrough, with which are engaged the
 35 ends 8 and 9 of a strip of leather or other suitable material 10, the ends 8 and 9 being turned over and glued against a reinforcing-strip 11, which is glued or otherwise secured to the inner face of the back 5. A securing-
 40 strip 12 of leather or other suitable material is fastened to the strip 11 and the ends 8 and 9 to insure the latter against disengagement. There is thus provided a loop or handle upon the back of the book by means of which the
 45 book may be drawn from the shelves instead of being grasped by the edges of the binding which often results in series damage to the volume.

In Fig. 4 there is shown a flap of leather
 50 or other suitable material 13, which is sewed

to the back of the book, as shown at 14, and which serves the same purpose as the loop in the previous figures of the drawings. This flap may also bear the title of the book, volume
 55 number, or an ornate design.

In Fig. 5 there is shown a chain 15, which serves the purpose of the loop 10, and which is disposed with its ends in slots 16 and 17, which correspond to the slots 6 and 7 of Fig. 1. The ends of the chain are secured against dis-
 60 engagement by means of V-shaped wires 18, disposed between the stiffening and covering of the lids.

Fig. 6 shows a construction which employs a metallic handle instead of the loops and flap
 65 shown in the previous views. This handle consists of a portion 19, having its ends 20 and 21 bent at right angles to itself and provided with perforations 20' and 21'. In connection with the portion 19 there are employed two
 70 triangular pieces of metal 22 and 23, which are shown in Fig. 7. These triangular pieces are bent at right angles to themselves at points adjacent to their bases, and these bent por-
 75 tions are provided with perforations 22' and 23', with which the perforations 20' and 21' are adapted to register, and which with the perforations just mentioned receive pivot-
 80 pins 24. In attaching this metallic handle to a book the triangular pieces 22 and 23 are in-
 85 serted in the slots 6 and 7 in the back of the book and are turned to lie against the inner face of the book, when the bent-over portions of the triangular pieces will protrude through the slots. The triangular pieces 22 and 23
 90 may be secured against accidental disengagement by a reinforcing and securing means similar to that shown in Figs. 2 and 3 of the drawings.

What is claimed is—

1. The combination with a book having a pair of parallel longitudinal slots in its back, of a metallic finger-loop disposed with its ends through the slots and bent toward each other, a reinforcing-strip between the bent ends and
 95 the inner face of the back and a second strip disposed upon the bent ends and secured to the reinforcing-strip and the inner face of the back.

2. The combination with a book having a 100

pair of parallel longitudinal slots in its back, of a finger-loop disposed with its ends in the slots and means for preventing the disengagement of the ends from the slots.

5 3. The combination with a book having a pair of parallel longitudinal slots in its back, of angular metallic plates disposed upon the inner face of the back and projecting through the slots, means for holding the plates in such
10 position, and a finger-loop pivoted to the outwardly-projecting ends of the plates.

4. The combination with a book having slots in its back, of a flexible metal finger-loop disposed with its ends engaged in the slots

and means for preventing disengagement of 15 the ends from the slots.

5. The combination with a book having slots in its back, of members disposed within the slots and projecting therefrom, and a finger-loop pivoted to the outer ends of the mem- 20 bers.

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

GEORGE KOCH.

Witnesses:

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