

No. 665,769.

Patented Jan. 8, 1901.

J. W. CHAMBERS.
WHIFFLETREE HOOK.

(Application filed July 28, 1900.)

(No Model.)

Fig. 1.

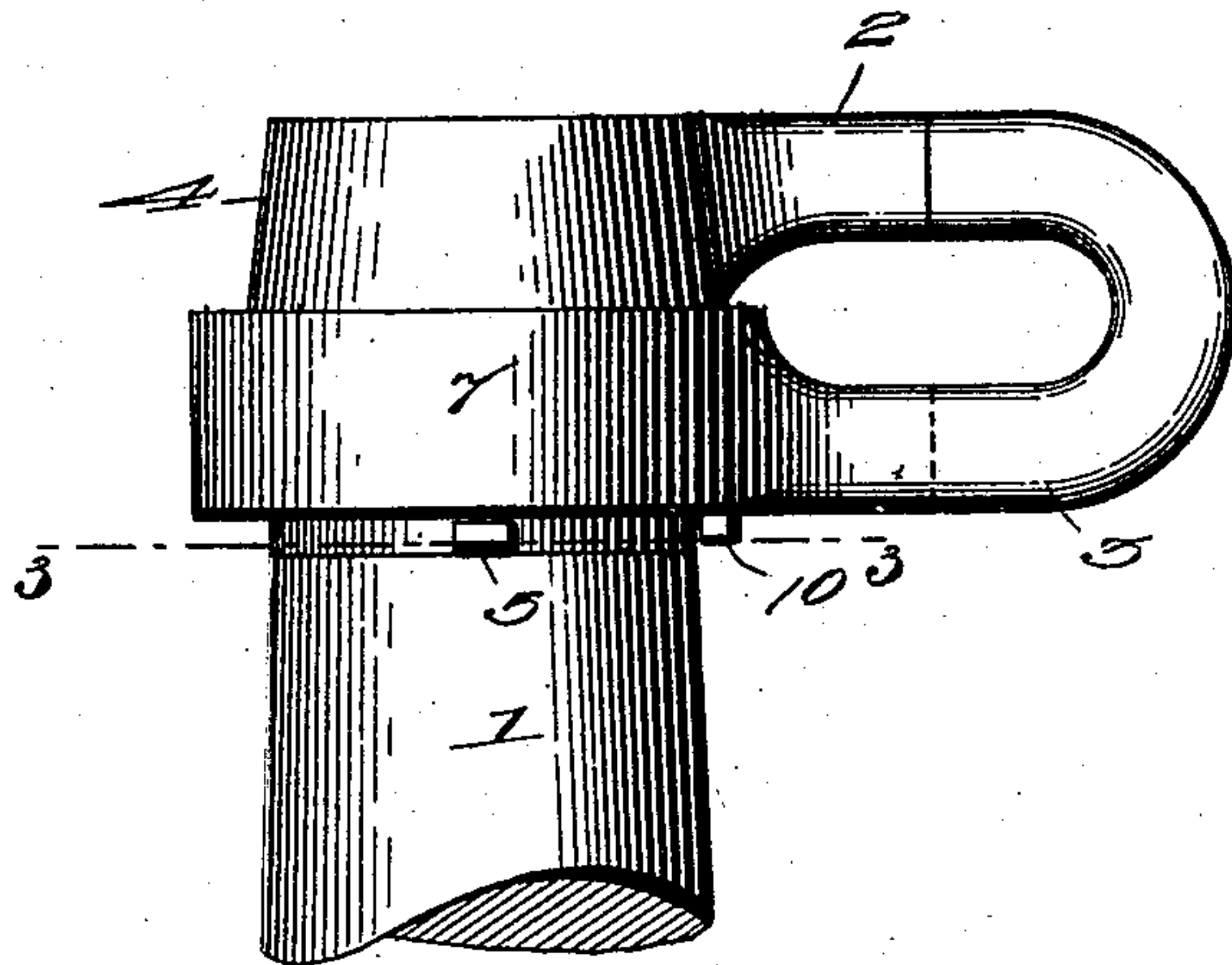


Fig. 2.

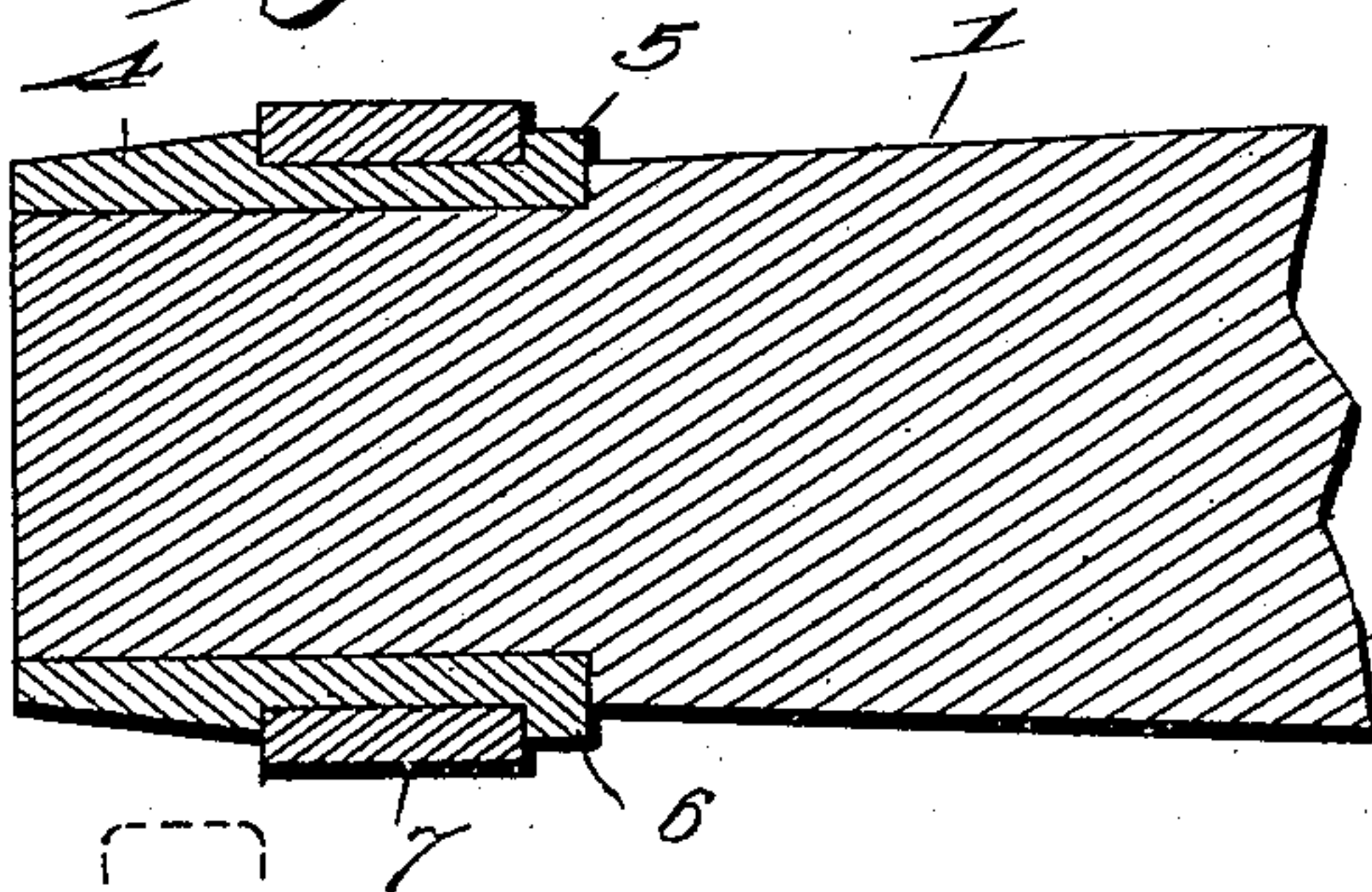
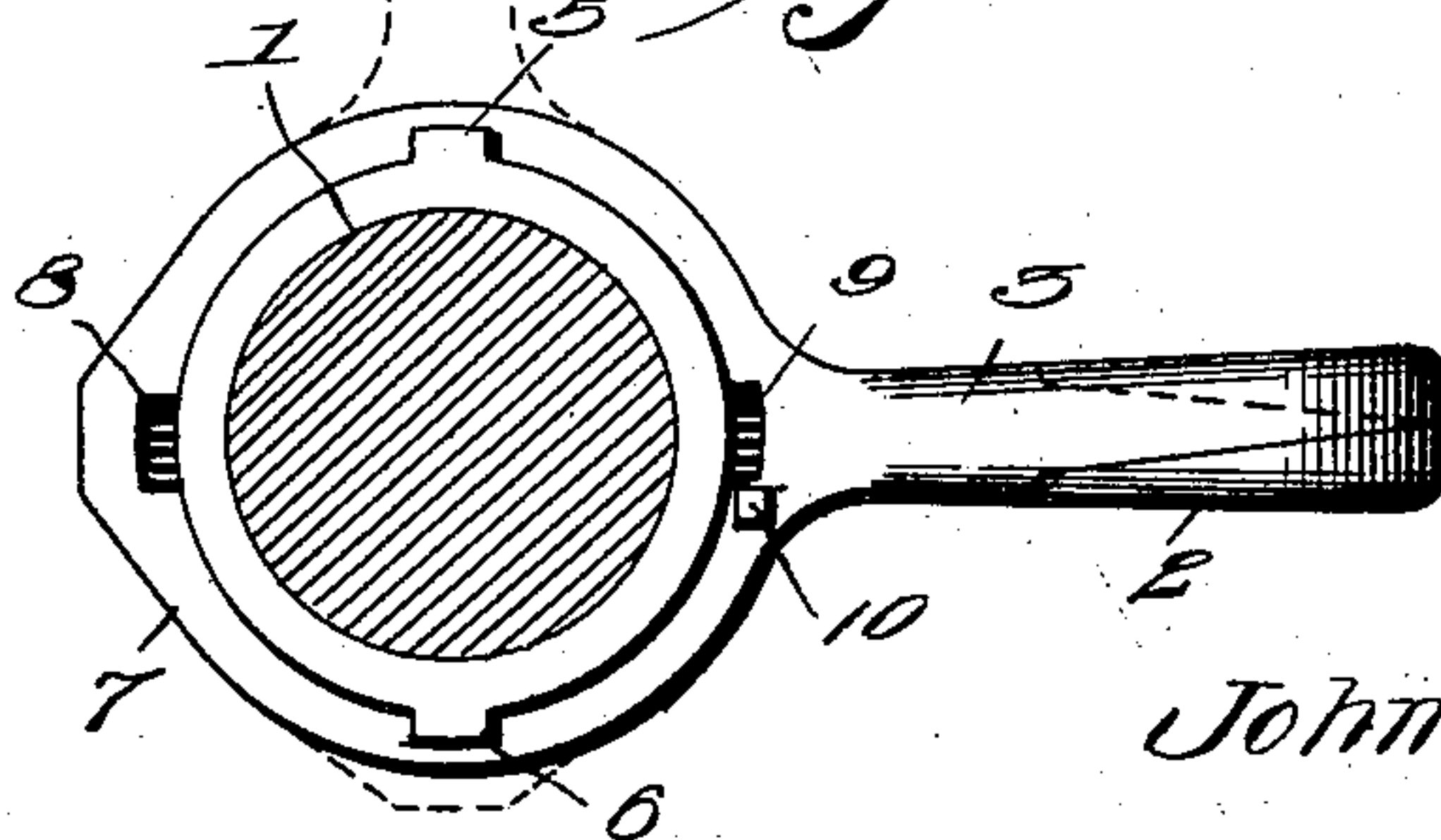


Fig. 3.



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JOHN W. CHAMBERS, OF BRICE, MICHIGAN.

WHIFFLETREE-HOOK.

SPECIFICATION forming part of Letters Patent No. 665,769, dated January 8, 1901.

Application filed July 26, 1900. Serial No. 24,939. (No model.)

To all whom it may concern:

Be it known that I, JOHN W. CHAMBERS, a citizen of the United States, residing at Brice, in the county of Gratiot and State of Michigan, have invented new and useful Improvements in Whiffletree-Hooks, of which the following is a specification.

My invention relates to whiffletree-hooks, the object being to provide a simple and inexpensive device of this character which will effectually prevent the accidental disengagement of the trace-loop or cockeye and at the same time may be readily operated by the finger when it is desired to attach or detach the trace.

The invention comprises a whiffletree-hook consisting of two sections, one of which is stationary, while the other is movable, and a distinguishing characteristic of the improvement is that the movable section of the hook is capable of a lateral sliding movement upon the whiffletree, as well as being adapted to be partially rotated.

The construction of the improvement will be fully described hereinafter in connection with the accompanying drawings, which form a part of this specification, and its novel features will be particularly pointed out in the appended claim.

In the drawings, Figure 1 is a plan view of one end of a whiffletree with my improved hook applied thereto. Fig. 2 is a vertical longitudinal section of the same, and Fig. 3 is a section on line 3 3 of Fig. 1.

The reference-numeral 1 designates the whiffletree, and 2 and 3 the hook-sections. The section 2 is provided with an integral sleeve 4, which fits over the outer end of the whiffletree and is secured thereto by suitable fastening devices. The sleeve 4 is formed at its inner end with diametrically-projecting lugs 5 and 6, which serve as stops to limit the movement of the movable hook-section 3. The section 3 is formed with a loop or ring 7, which fits over the sleeve 4 and is formed at diametrically-opposite points with recesses 8 and

9, conforming in size and shape to the lugs 5 and 6 on the stationary hook 2, and adapted to register therewith when the section 3 is turned to the position indicated by the dotted lines in Fig. 3. When the lugs 5 and 6 and the recesses 8 and 9 register, the section 3 may be moved inward away from the section 2, thus accommodating trace-loops or cockeyes of different sizes and facilitating the attachment thereof to the stationary hook-section 2. The movable section 3 is also provided on its inner face adjacent to recess 9, with a stop-lug 10, which is adapted to contact with the lug 5 when the section 3 is turned upon the whiffletree.

From the foregoing description in connection with the drawings it will be apparent that when the section 3 of the hook is in the position shown in Fig. 1 it is held against lateral movement by lugs 5 and 6, and that the trace-loop or cockeye cannot be disengaged from the hook without lifting the section 3. When it is desirable to move the section 3 laterally upon the whiffletree, the said section is raised until its recesses 8 and 9 register with the lugs 5 and 6 on the stationary section, after which the section 3 may be moved laterally away from the section 2.

I claim—

The combination with a whiffletree, of a hook comprising two sections, one of which is provided with a sleeve fitting upon the end of the whiffletree and formed with diametrically opposite lugs, while the other section is provided with a ring encircling the sleeve of the fixed section and formed with diametrically opposite recesses, and a lug projecting from the inner face of the ring adjacent to one of said recesses.

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

JOHN W. CHAMBERS.

Witnesses:

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