

No. 704,154.

Patented July 8, 1902.

R. R. WALKER.
BRACKET SHELF.

(Application filed Jan. 21, 1902.)

(No Model.)

Fig. 1.

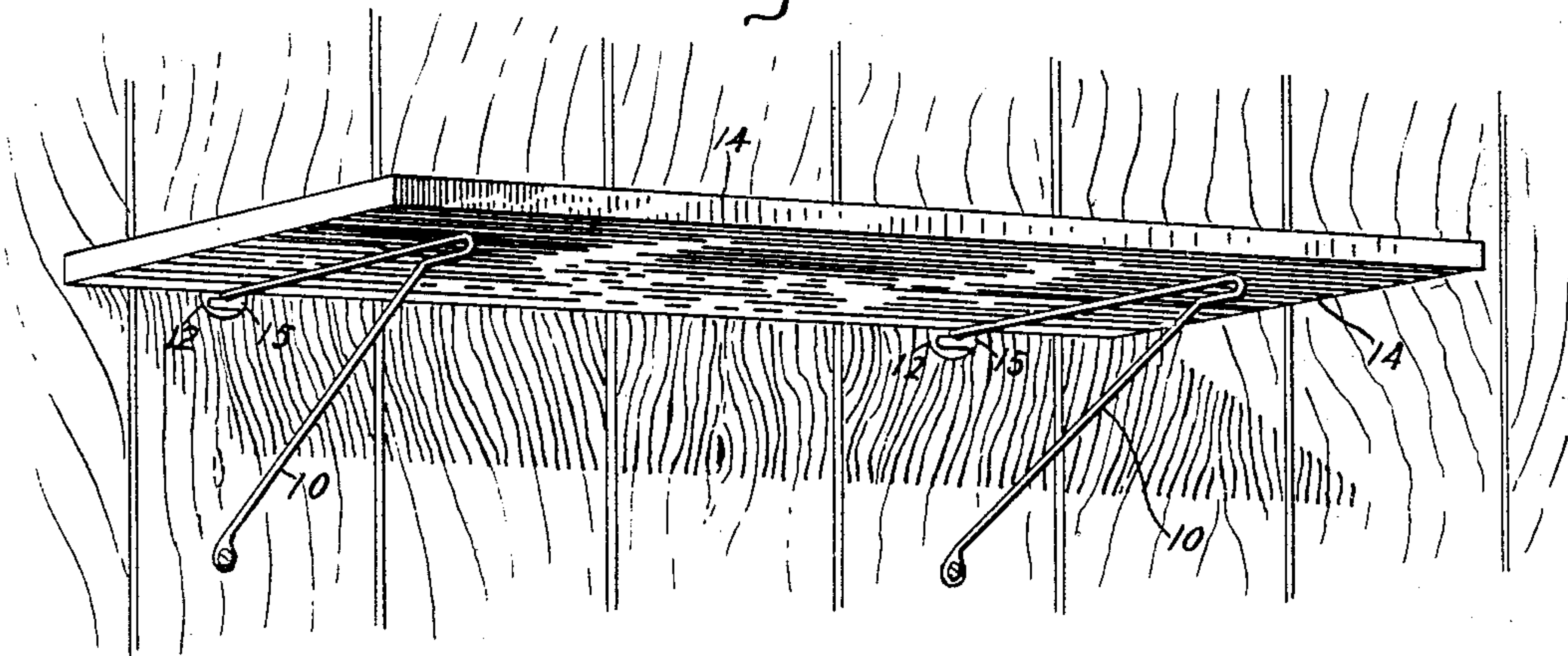


Fig. 2.

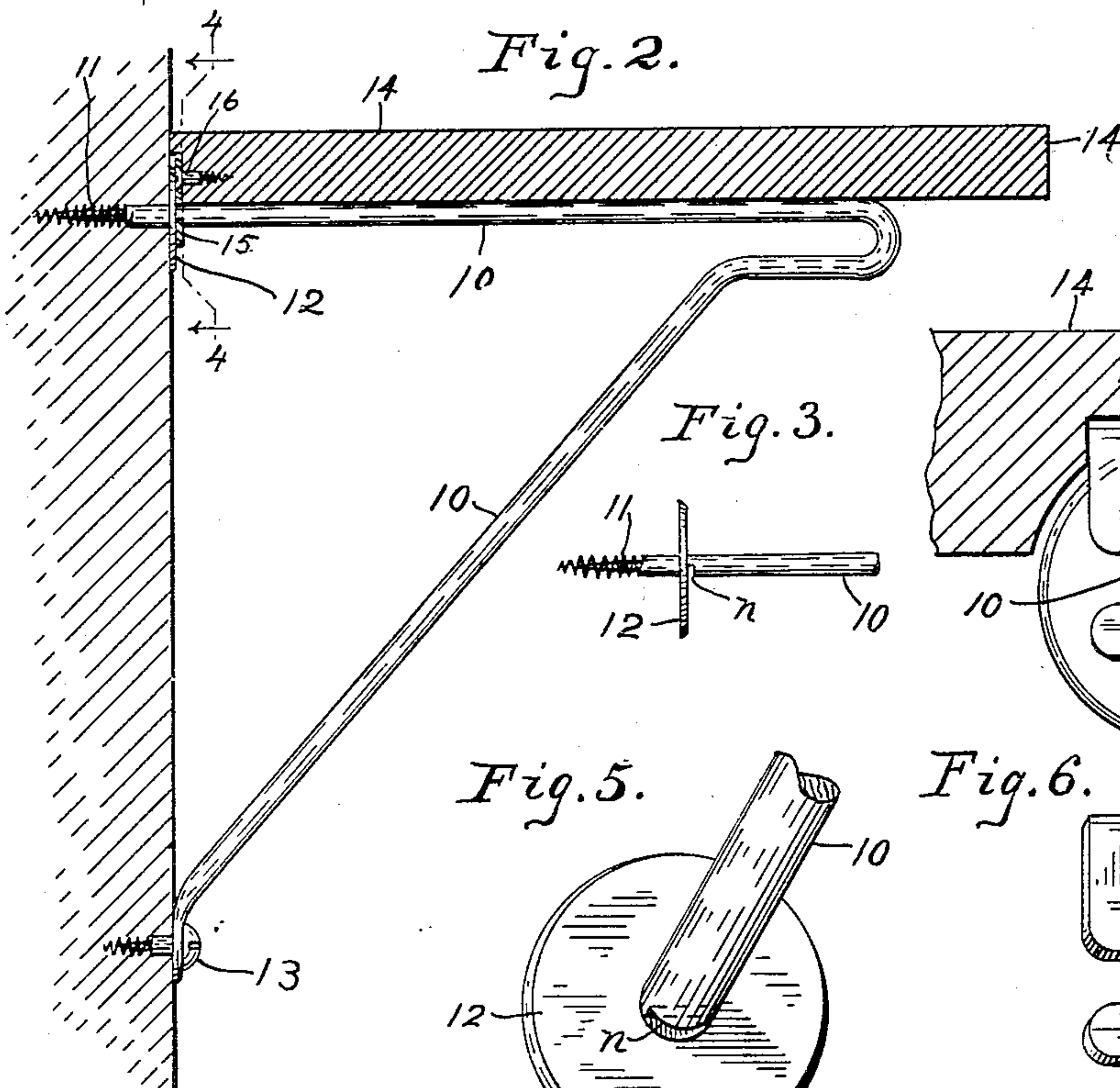


Fig. 3.

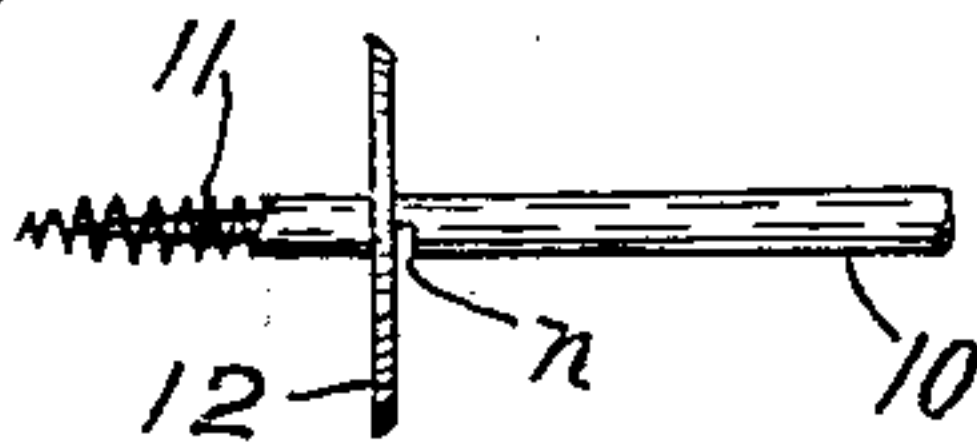


Fig. 4.

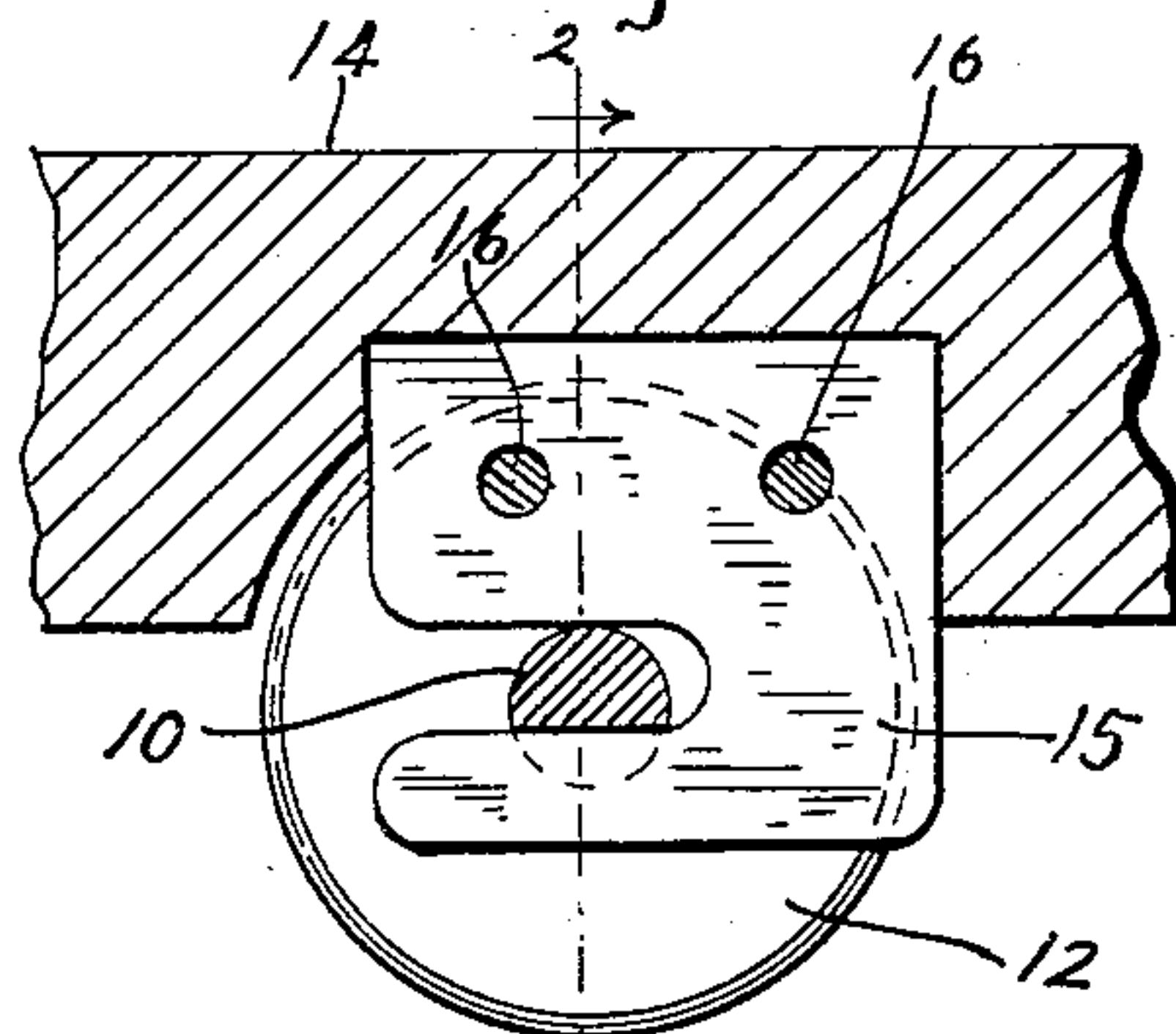


Fig. 5.

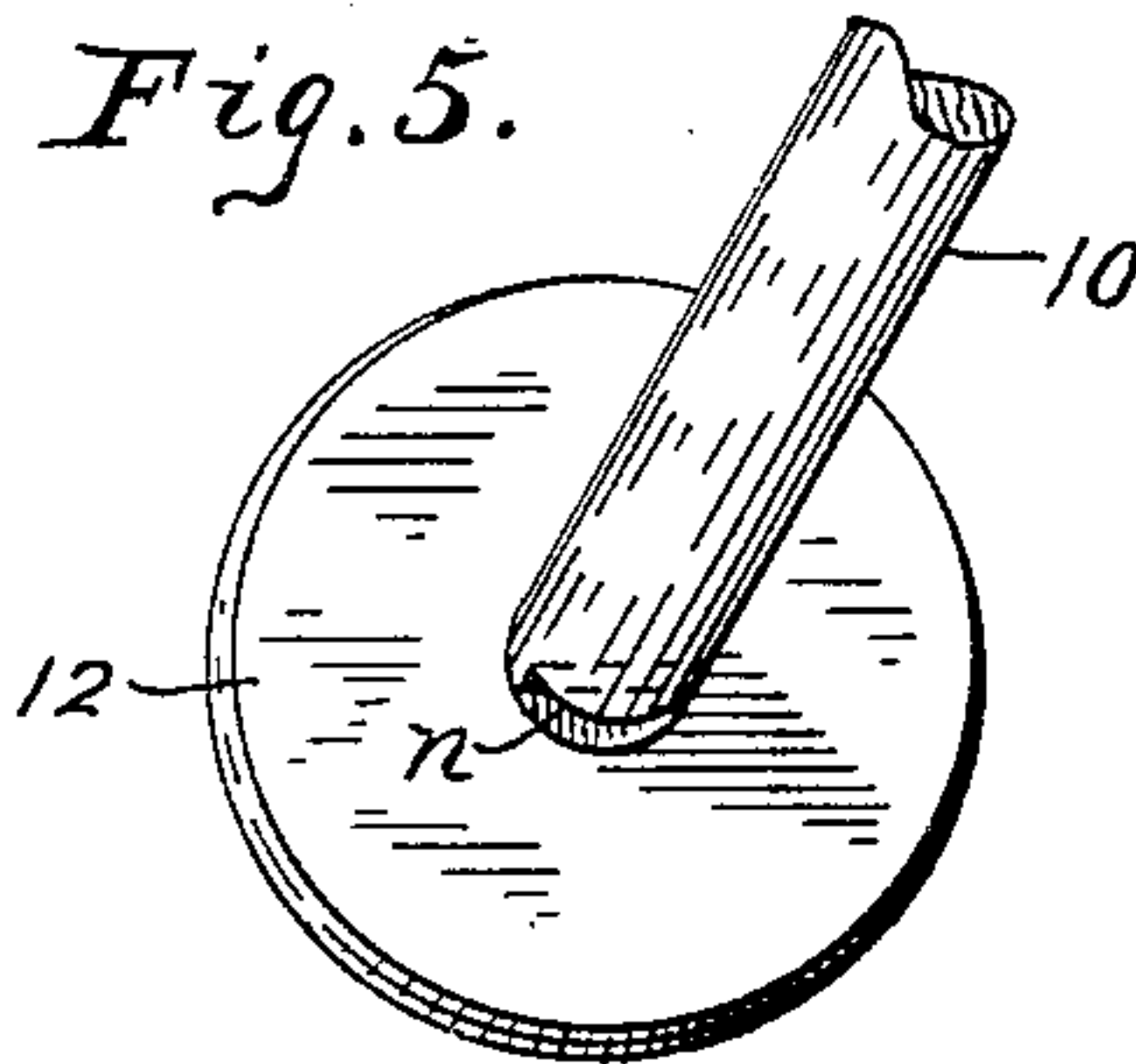
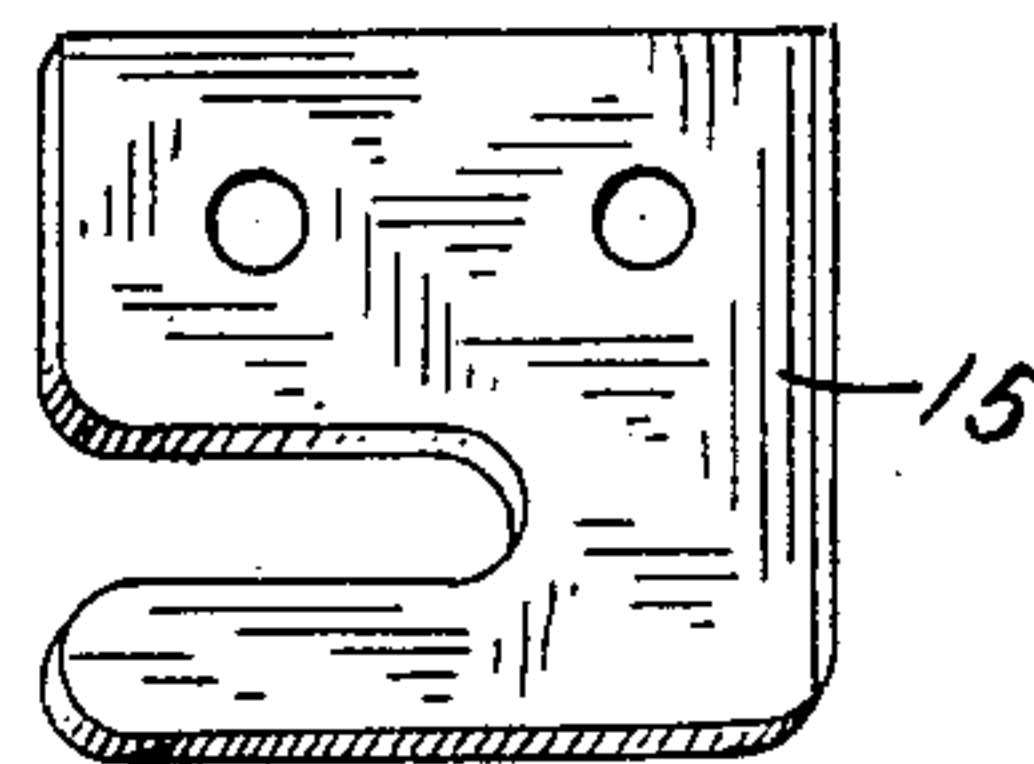


Fig. 6.



WITNESSES:

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BRACKET-SHELF.

SPECIFICATION forming part of Letters Patent No. 704,154, dated July 8, 1902.

Application filed January 21, 1902. Serial No. 90,712. (No model.)

To all whom it may concern:

Be it known that I, REINERT R. WALKER, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Bracket-Shelves, of which the following is a specification.

The object of my said invention is to produce a simple and inexpensive bracket-shelf and one which may be easily and quickly put up and taken down, all as will be hereinafter more particularly described and claimed.

Referring to the accompanying drawings, which are made a part hereof, and on which similar reference characters indicate similar parts, Figure 1 is a perspective view of a shelf and its supporting-brackets embodying my said invention; Fig. 2, a transverse sectional view through the shelf and alongside one of the brackets by which it is supported, illustrating the construction and arrangement of parts; Fig. 3, an elevation of a fragment of the upper member of one of the brackets detached from the other parts; Fig. 4, a detail sectional view, on a much enlarged scale, through the rear edge of the shelf and an upper bracket member and showing the plate or clip by which the shelf is secured to the bracket in elevation; Fig. 5, a perspective view, also on an enlarged scale, of the part illustrated by Fig. 3; and Fig. 6 a perspective view of one of the said plates or clips ready to be slipped onto and engage with the horizontal member of the bracket.

The brackets 10 are formed of wire. The inner end 11 of the upper or horizontal members thereof are shown as screw-threaded, and each has a collar or flange 12 secured thereto, which when the screw-threaded end is driven into the wall in putting the bracket in place will come in contact with the wall surface, stopping the movement at the proper point. It also serves as a guard-plate against which the plate or clip on the shelf will bear when the shelf is placed thereon. It is also provided with a notch *n* directly behind the collar or flange 12 with which said plate on the shelf will engage. The lower or inclined member of the bracket has its lower end flattened and perforated and is secured to the wall by a screw 13. The shelf 14 is or may be in itself an ordinary shelf and is adapted to rest on the brackets 10. At points on its

rear side, just where it is designed to come in contact with the brackets when put up, it has plates or clips 15, secured thereto, as by screws 16, the slits wherein are narrower than the diameter of the wire of which the brackets are made, but wide enough to slip over the portions of the brackets where the notches *n* are. Therefore in putting up shelves of this character the shelf is first laid onto the brackets with the plates or clips 15 a little to one side of the upper bracket members and is then slipped endwise until said plates or clips embrace said members and engage with said notches, so that the shelves are thereby held securely in position.

As will be readily understood, a bracket-shelf so constructed is very inexpensive, is easily and quickly put up and taken down, and when taken down leaves but a very slight disfigurement of the wall to which it has been attached.

Having thus fully described my said invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination, in a bracket-shelf, of wire brackets adapted to be secured to a wall and provided with notches extending transversely thereof, and a shelf adapted to be placed on said brackets and provided with clips adapted to engage with said notches whereby the shelf is removably but securely held in place thereon, substantially as set forth.

2. The combination, in a bracket-shelf, of brackets composed of wire each having a horizontal and an inclined member, the upper or horizontal member being screw-pointed at its rear end, and provided with a flange or collar in front of the screw-pointed portion, and having a notch in front of the flange or collar, and a shelf provided with clips having slits therein adapted to embrace those portions of the brackets where the notches are and to enter and engage with said notches, substantially as set forth.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 18th day of January, A. D. 1902.

REINERT R. WALKER. [L. S.]

Witnesses:

ALBERT F. ZEARING,
ARTHUR M. HOOD.