

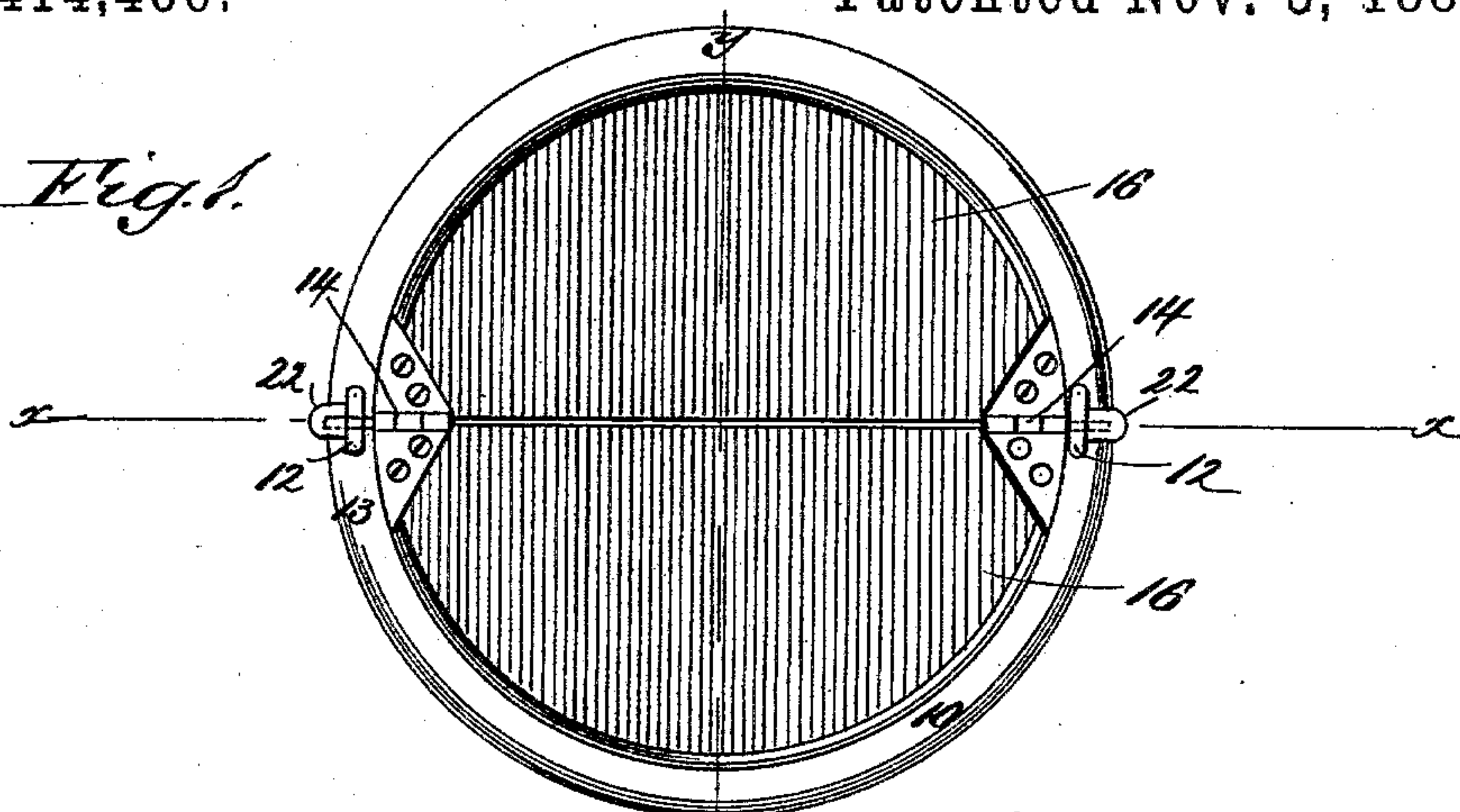
(No Model.)

D. S. WHITE.  
CHANGE DELIVERY APPARATUS.

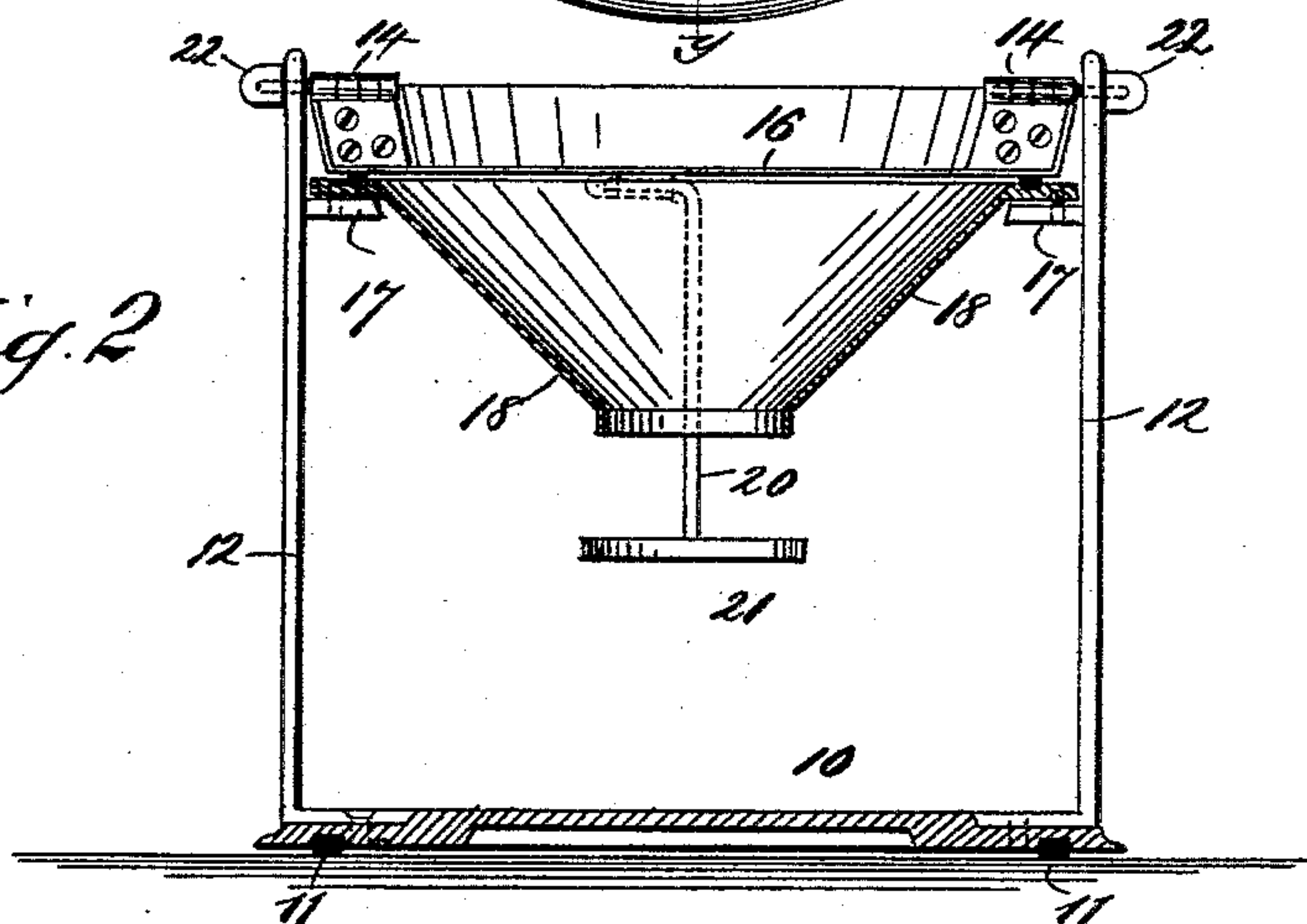
No. 414,466.

Patented Nov. 5, 1889.

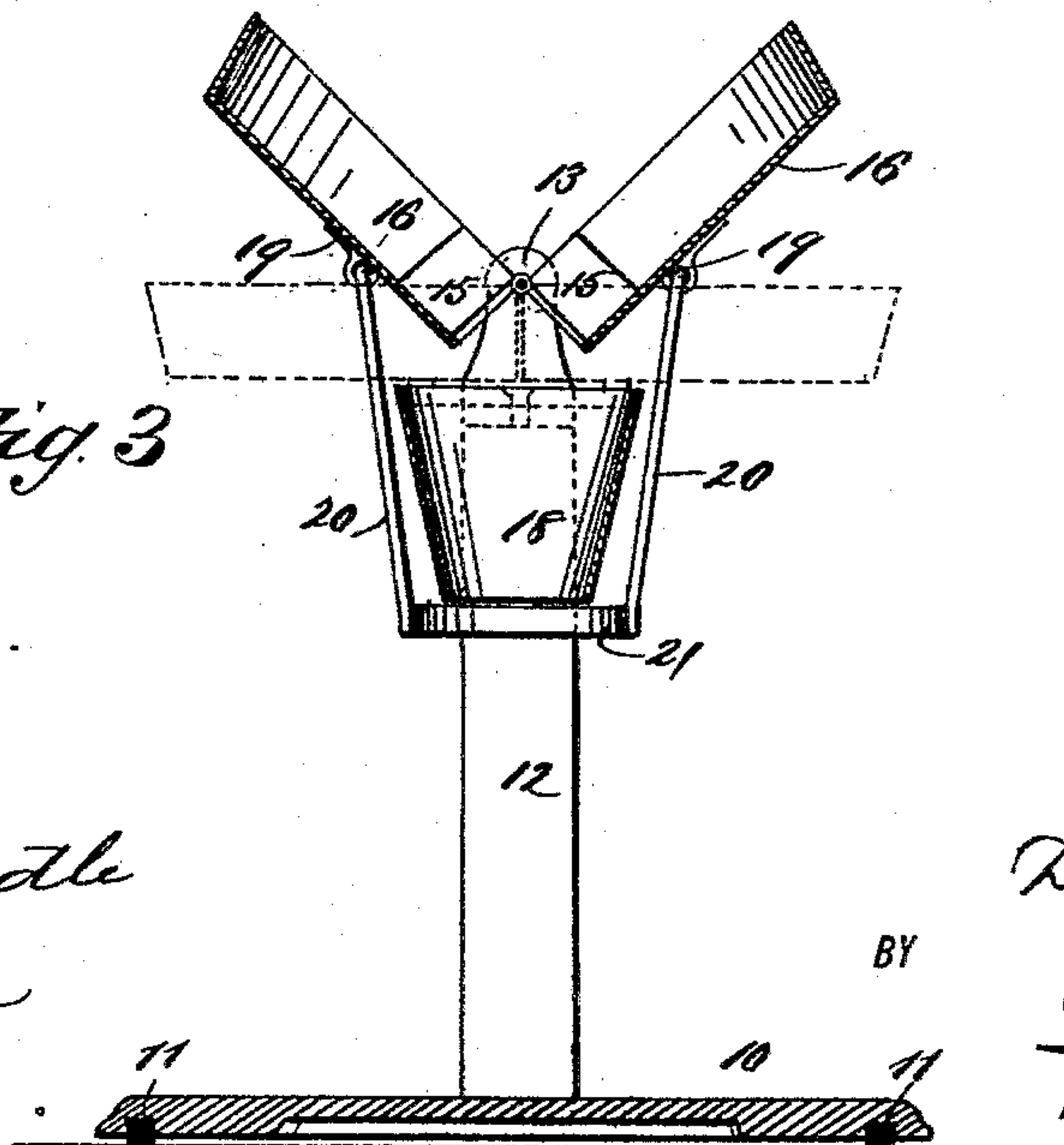
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES:

*J. Mc Ardle*  
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# UNITED STATES PATENT OFFICE.

DAVID S. WHITE, OF HUNTLEY, ILLINOIS.

## CHANGE-DELIVERY APPARATUS.

SPECIFICATION forming part of Letters Patent No. 414,466, dated November 5, 1889.

Application filed May 21, 1889. Serial No. 311,583. (No model.)

*To all whom it may concern:*

Be it known that I, DAVID S. WHITE, of Huntley, in the county of McHenry and State of Illinois, have invented a new and Improved Change-Delivery Apparatus, of which the following is a full, clear, and exact description.

This invention relates to a change-delivery apparatus, the object of the invention being to obviate the necessity of picking up change from a counter; and to the end named the invention consists, essentially, of two pivotally-mounted plates or leaves, a hopper arranged beneath said leaves, and a means for raising the leaves, all as will be hereinafter fully described, and specifically pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a plan view of my improved change-delivery apparatus. Fig. 2 is a central sectional elevation thereof, the view being taken on line *x x* of Fig. 1; and Fig. 3 is a cross-sectional view of the apparatus on line *y y* of Fig. 1.

In the drawings, 10 represents a base-plate of any proper form, which said base-plate is preferably provided with rubber or elastic feet 11, said feet being provided to prevent the marring of the counter or other support upon which the apparatus is placed. To the base-plate 10 are secured upwardly-extending standards 12, that are formed with apertures adapted to receive the extending ends of hinge-pintles 13. The hinges 14, in connection with which the pintles 13 are arranged, are secured to blocks 15, that serve as supports for semicircular flanged plates or leaves 16, which said plates normally rest in the position in which they are shown in Figs. 1 and 2. The standards 12 carry inwardly-extending projections 17, upon which an oval bottomless hopper 18 is mounted, the hopper being formed with flaring sides, as shown in the drawings. To the under faces of the leaves

or plates 16, I secure eyes 19, that are engaged by rods 20, which carry a ring 21, the arrangement being such that by placing the hand against the under edge of the ring and pressing upward the leaves or plates will be moved to the position in which they are shown in Fig. 3, and any change that may have been deposited upon the plates will slide therefrom and into the hopper 18, to pass thence into the hand of the person raising the ring, as will be readily understood.

The hinges 14 may be secured to the upper faces of the blocks 15, as represented in Fig. 1; or the hinges may be secured to the approaching faces of said blocks, as represented in Figs. 2 and 3. To impart a proper finish to the apparatus, I prefer to provide the ends of the pintles 13 with screw-caps 22.

Such an apparatus as the one above described provides for the quick and easy delivery of change, and obviates the delay incident to the picking up of change from the counter.

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

1. The combination, with pivotally-mounted flanged plates or leaves, of a hopper rigidly mounted beneath said leaves, rods connected to the leaves, and a ring carried by the rods, the ring being arranged beneath the hopper.

2. The combination, with pivotally-mounted plates or leaves, of a hopper rigidly mounted beneath said leaves, rods connected to the leaves, and a ring carried by the rods, the ring being arranged beneath the hopper, substantially as described.

3. The combination, with a pair of pivotally-mounted and flanged leaves, of a hopper mounted beneath the leaves, and a ring provided with upwardly-extending rods that are connected to the leaves by eyes, substantially as described.

DAVID S. WHITE.

Witnesses:

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L. E. SMITH.