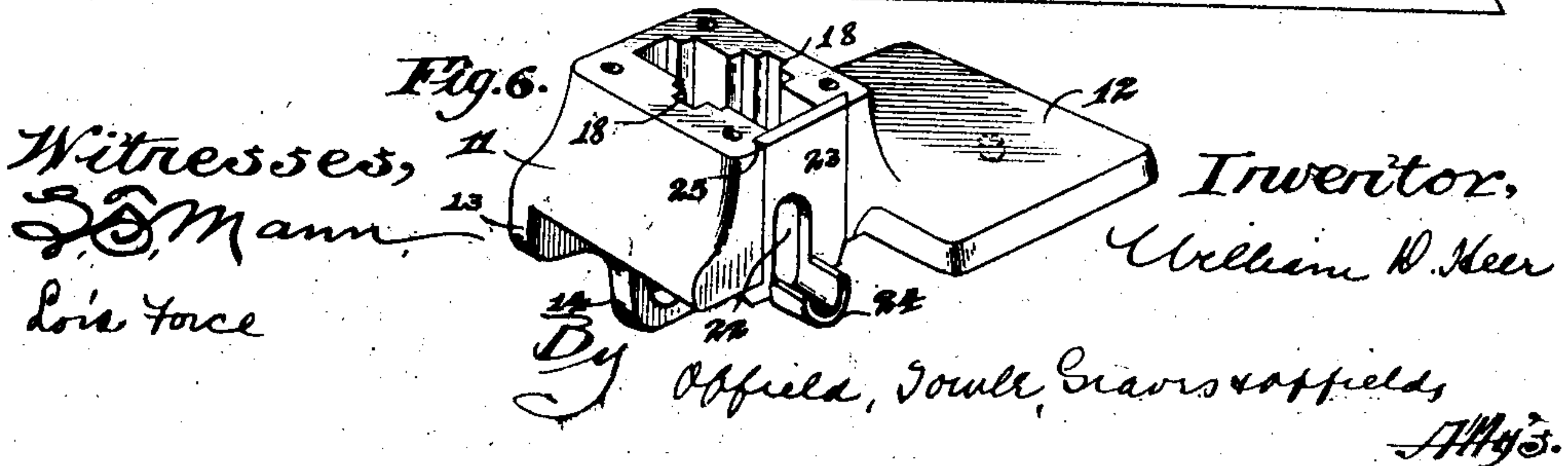
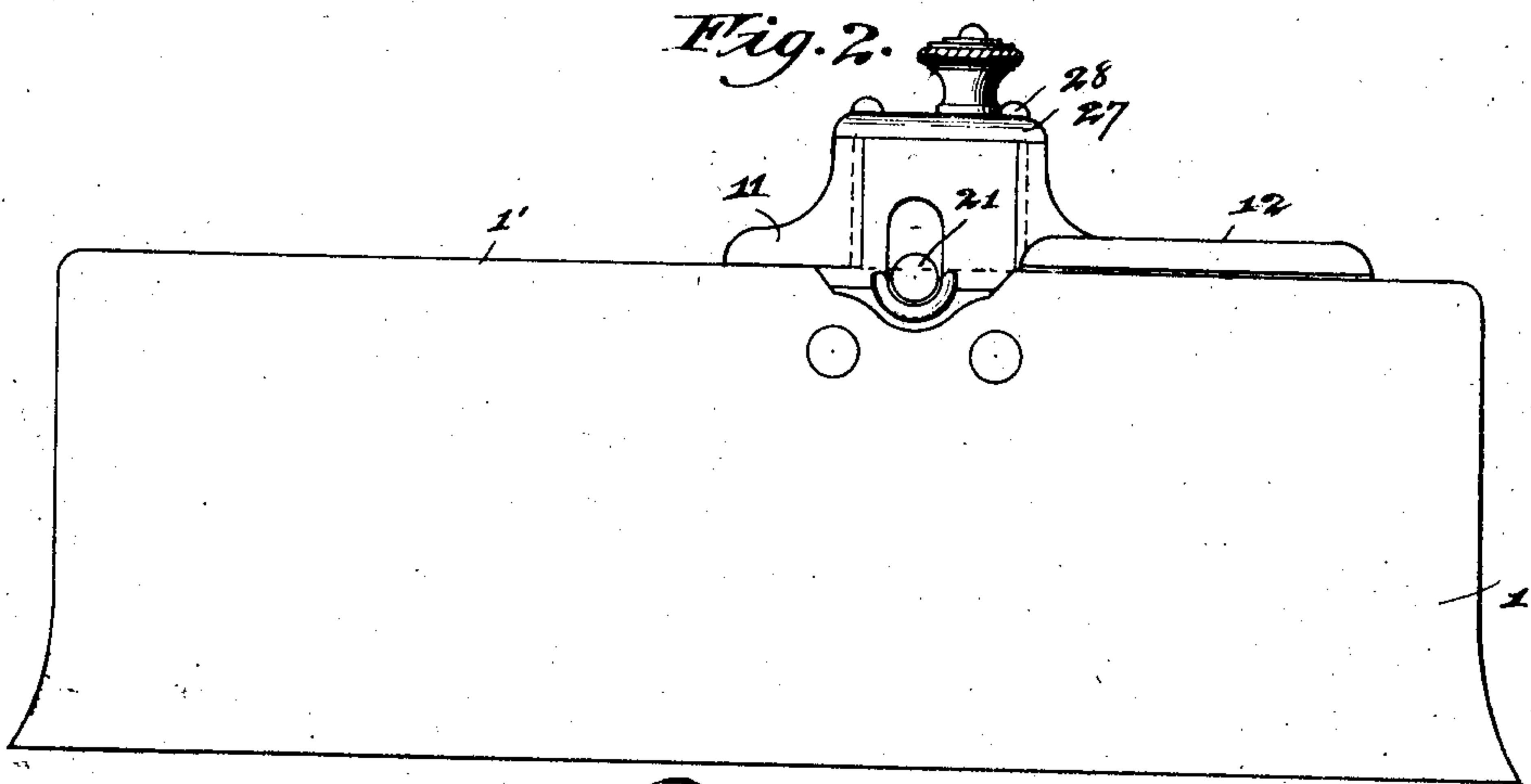
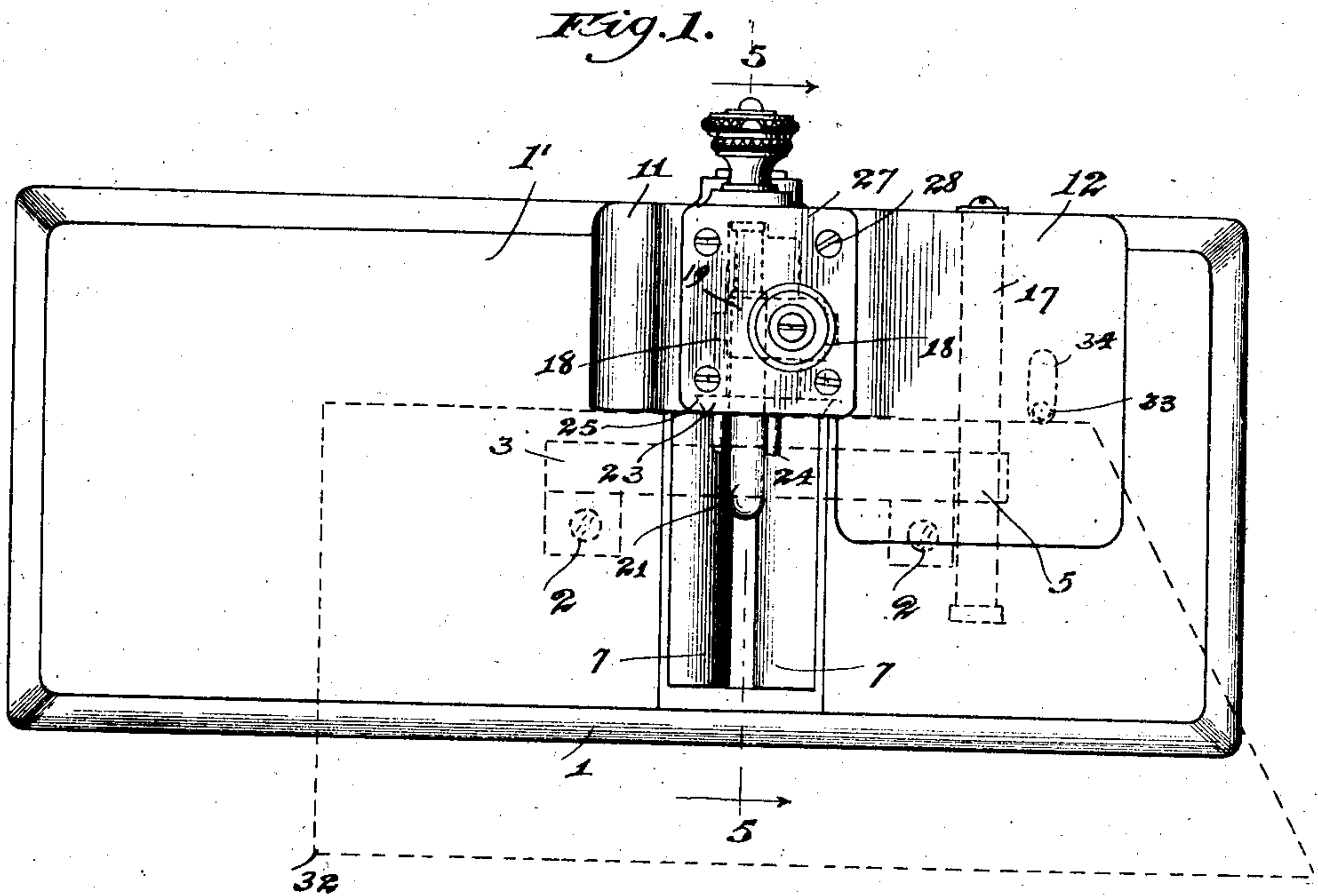


W. D. HEER.
 COIN PACKAGING DEVICE.
 APPLICATION FILED NOV. 10, 1910.

990,357.

Patented Apr. 25, 1911.
 2 SHEETS—SHEET 1.

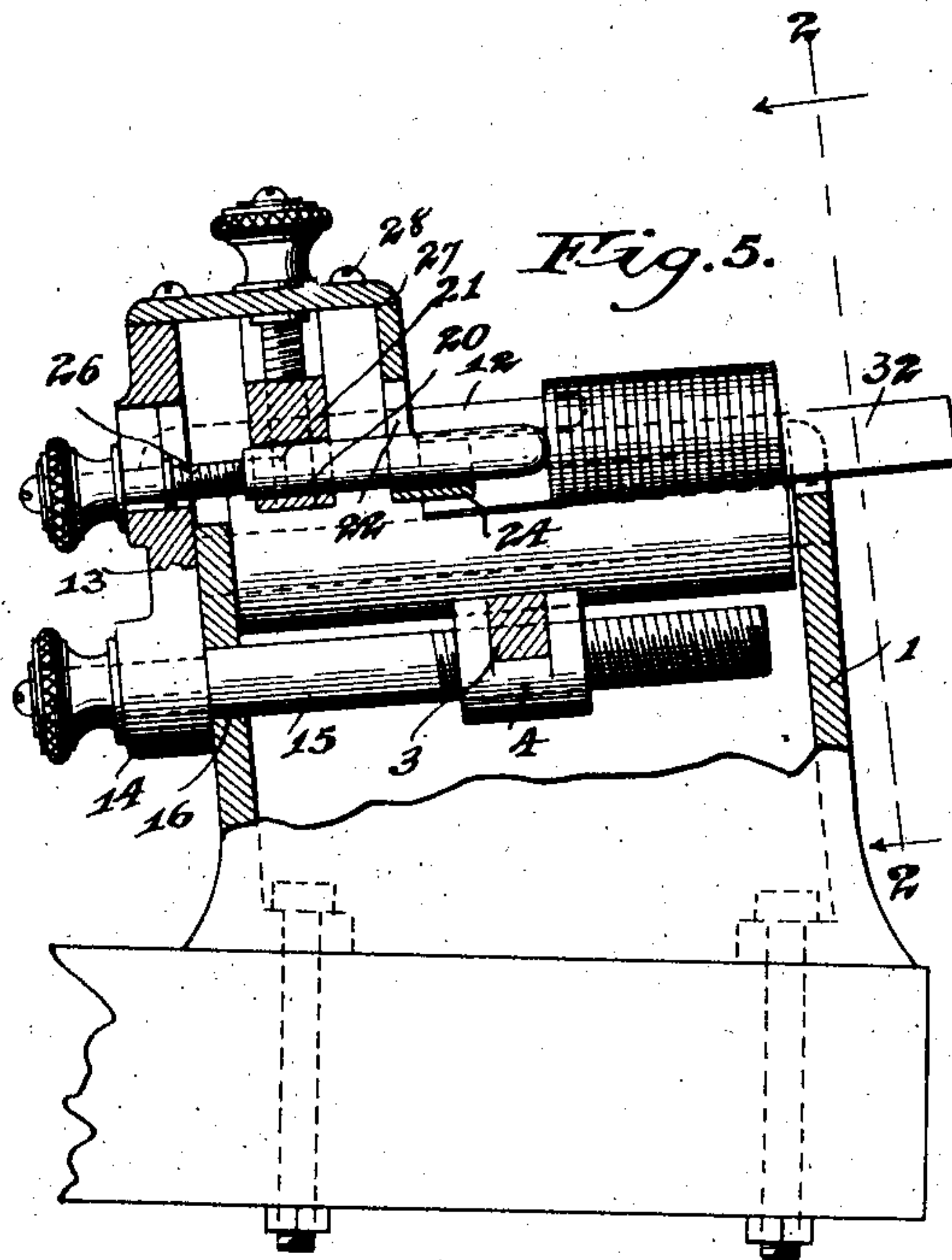
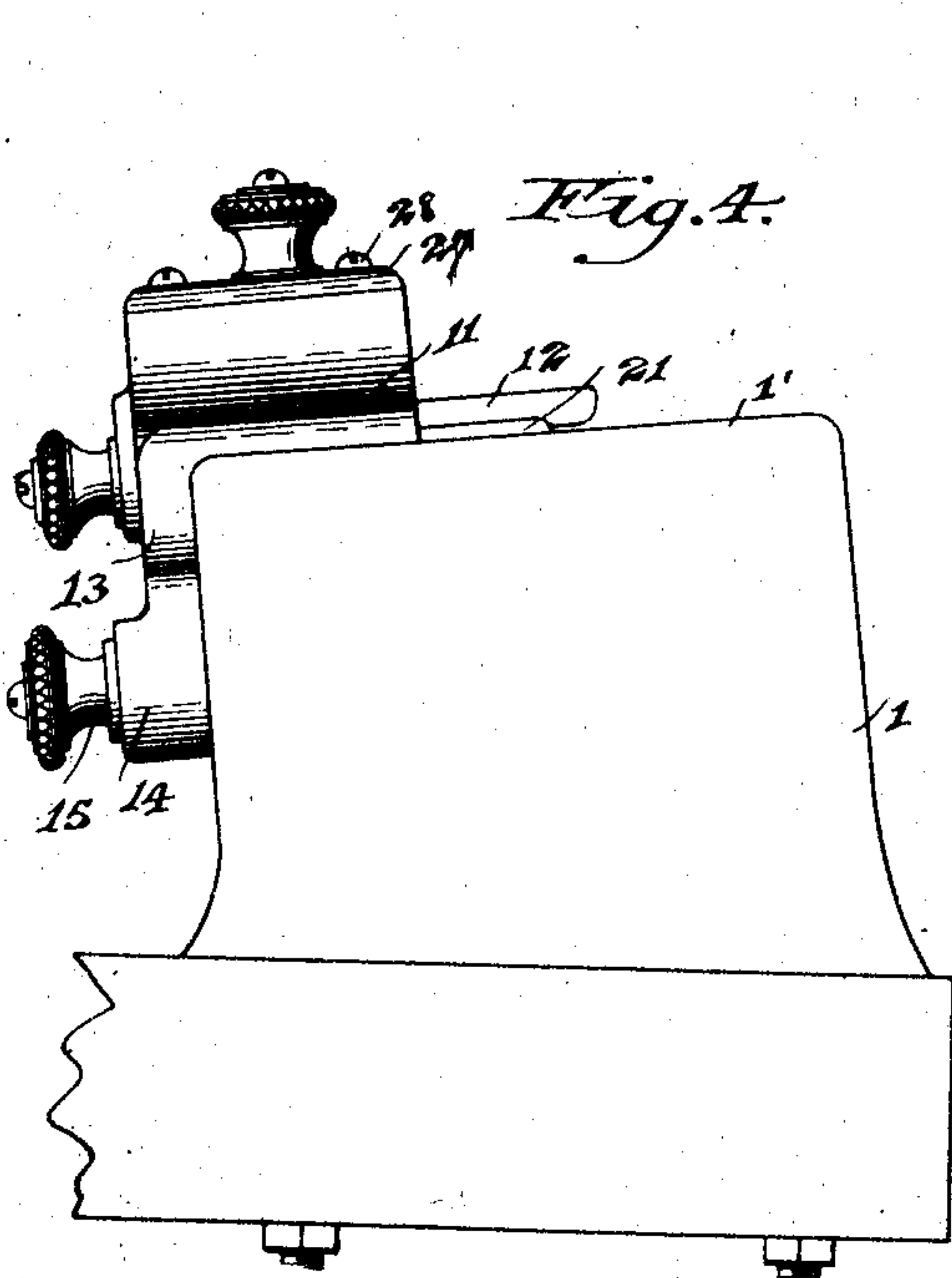
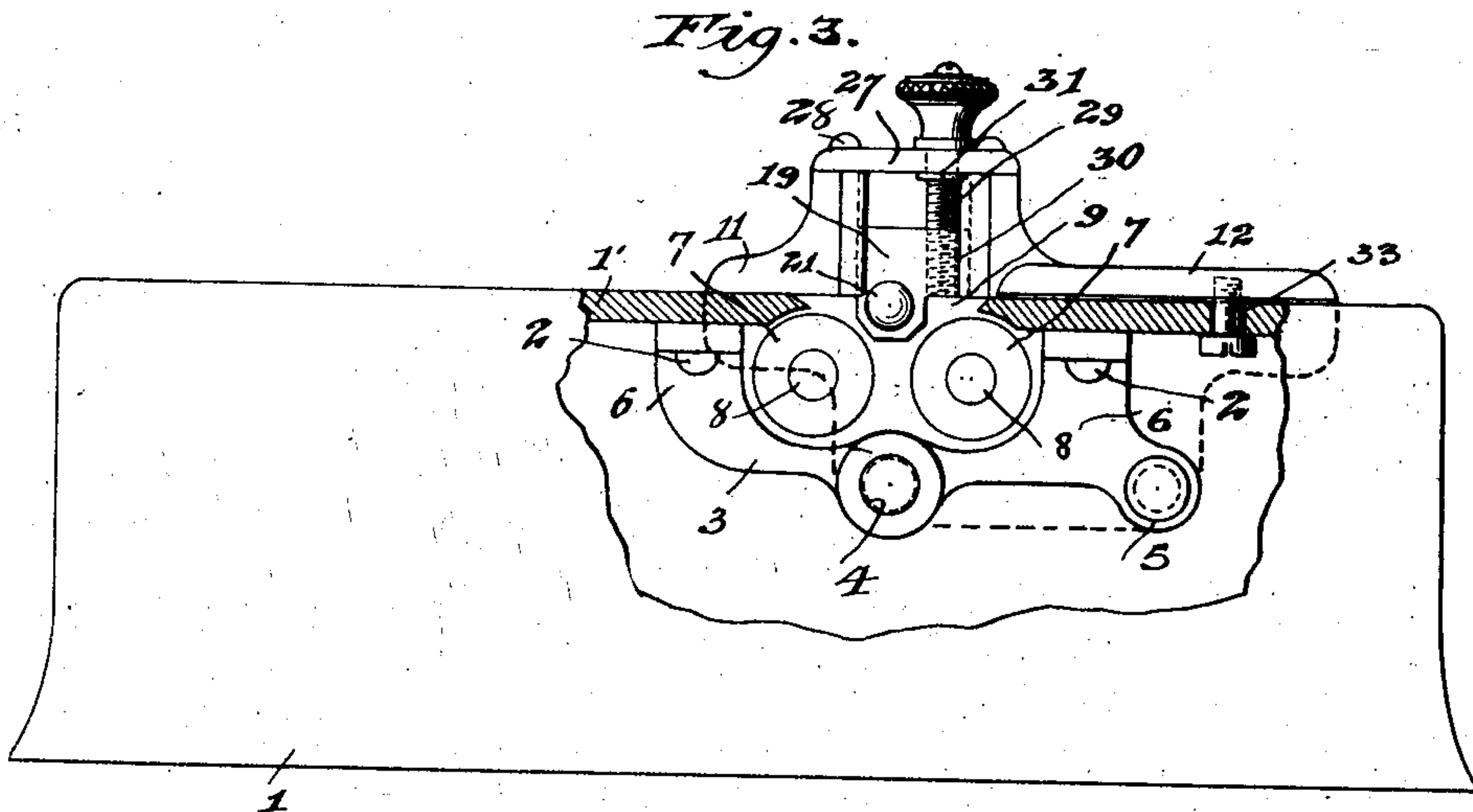


W. D. HEER.
COIN PACKAGING DEVICE;
APPLICATION FILED NOV. 10, 1910.

990,357.

Patented Apr. 25, 1911.

2 SHEETS—SHEET 2.



Witnesses,
S. O. Mann,
Lois Force

Inventor,
William D. Heer

By Affield, Fowler, Grays & Affield,
Attys.

UNITED STATES PATENT OFFICE.

WILLIAM D. HEER, OF CHICAGO, ILLINOIS.

COIN-PACKAGING DEVICE.

990,357.

Specification of Letters Patent.

Patented Apr. 25, 1911.

Application filed November 10, 1910. Serial No. 591,543.

To all whom it may concern:

Be it known that I, WILLIAM D. HEER, a citizen of the United States, residing in the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Coin-Packaging Devices, of which the following is a specification.

This invention relates to coin packaging devices and has among its salient objects to provide a construction in which a given number of coins of fractional denomination are held in a holder until wrapped; to provide a construction in which the coins are placed in the holder above a wrapper in such a manner that the coins may be readily and quickly wrapped; to provide a construction which may be readily adjusted for use with coins of various denominations; to provide a construction which is compact, devoid of any complicated or delicate mechanism and can be manufactured at a relatively low cost and in general to provide an improved construction of the character referred to.

The invention consists of the matters hereinafter described and more particularly pointed out in the appended claims.

In the drawings,—Figure 1 is a top plan view of my device, the parts being shown in dotted lines and also showing a wrapper in place. Fig. 2 is a side elevation taken on lines 2—2 of Fig. 5. Fig. 3 is a view similar to Fig. 2 but with parts broken away and shown in section. Fig. 4 is an end elevation. Fig. 5 is a vertical sectional view of the view shown in Fig. 4. Fig. 6 is a perspective view showing the construction of the movable supporting casting.

It is well known that in order to facilitate the work of the paying-teller in banks, coins of fractional denomination are inclosed in packages containing given amounts. It has been found in practice that it is very difficult to hold the coins in the hand while wrapping them so as to secure a neat and uniform package. The present invention obviates this difficulty by providing an adjustable holder for the coins and package while the former are being wrapped.

Referring to the drawings in which this device is shown, 1 designates a bed plate or frame casting which in the present instance is of hollow box-like construction open at its lower end. To the frame 1 is secured by screws 2 a substantially U shaped

bracket 3, which is provided centrally with a threaded opening or eye 4 and at one side with a somewhat similar eye 5. Within the frame 1 and between the arms 6 of the bracket 3 are loosely journaled a pair of rollers 7, the trunnions 8 of these rollers being seated in suitable sockets formed in the side walls of the frame. These rollers are spaced laterally apart as shown in Fig. 3 and are adapted to receive and support a roll of coins while the latter are being wrapped. The upper face of the main frame 1 is cut away as shown at 9 for a purpose hereinafter described.

Upon the top face 1¹ of the main frame is slidably mounted a guide casting 11, which is provided at its lower end with a plate like extension 12. This casting 11 is of skeleton form and is provided at its rear end with a depending flange 13 provided with an apertured lug 14 for receiving an actuated screw 15. This screw extends through a suitable aperture 16 in the side of the bed frame and is screw threaded into the eye 4 of the bracket 3. The arrangement is such that the guide casting 11 can be moved bodily across the face of the frame 1 for a limited distance. At its lower side the flange 13 of the casting is apertured to receive a guide rod 17 which passes through the side of the frame and projects through the eye 5 of the bracket 3. This rod 17 serves to keep the plate extension 12 of the casting always in proper alinement. At its inner sides the skeleton casting 11 is provided with vertical guide grooves 18 which confine in position a movable head 19. This head 19 is provided at its lower end with an apertured lug or eye 20 to receive a centering pin 21, the front end of which projects through an elongated slot 22 in the front end of the casting 11. In order to more accurately guide the centering pin the front wall 23 of the casting is provided with a curved lip 24 as shown in Fig. 6. This front wall 23 is preferably formed separately from the main body of the casting and is confined in the dove-tailed grooves 25 as shown. To the rear end of the centering pin 21 is connected an operating screw 26 which projects through the rear wall of the casting 11. The upper end of the casting 11 is closed by means of a covered plate 27 secured in position by screws 28. The movable head 19 is actuated by means of a screw 29 extending into a suitably threaded

socket 30 formed in the head. This screw is so mounted that the head travels up and down on the screw, the latter being limited against vertical movement by means of a roller 31. The object of moving the traveling head up and down is to insure of the centering pin being always in the center of the roll of coins, regardless of the denomination which is being wrapped.

10 The roll of paper 32 in which the coins are to be wrapped is slipped in just above the upper periphery of the rollers before the roll of coins is placed on the latter. The inner edge of the paper is guided by the side of the movable casting 13 and a screw 33 extending through the top of the frame 1. This screw 33 has limited movement in a slot 34.

I claim as my invention:

20 1. In a device of the character described, the combination with a main frame, of a bracket mounted therein, an adjustable guide member mounted above said frame, an adjusting screw extending through said guide member into said bracket, a pair of coin supporting rollers journaled in said frame above said bracket, a vertically moving head mounted in said guide member, and a centering pin carried by said head.

30 2. In a device of the character described, the combination with a main frame, of a pair of tilted rollers journaled therein and adapted to receive and hold a roll of coins, a guide member extending above said rollers and adjustable longitudinally of the same, an adjusting screw for actuating said guide member, a vertically movable head mounted in said guide member, an adjusting screw for said head, and a centering pin carried by said head and adapted to engage the lower end of a roll of coins.

3. In a device of the character described, the combination with a main frame, of coin supporting members mounted therein, a guide member extending above said coin supporting members and adjustable longitudinally thereof, an adjusting screw for actuating said guide member, a vertically movable head mounted in said guide member, an adjusting screw for said head, and a centering pin carried by said head and adapted to engage one end of a roll of coins.

4. In a device of the character described, the combination with a main frame, of a pair of coin supporting rollers journaled therein, a box like guide member mounted above said rollers, and having opposed guide-ways extending vertically thereof, a head mounted in said guide-ways and vertically adjustable, a screw for actuating said head and maintaining it at any position of adjustment, and a centering pin carried by said head.

5. In a device of the character described, the combination with a main frame, of coin supporting members mounted therein, a guide frame mounted above said coin supporting members and adjustable longitudinally thereof, a screw for actuating said guide frame and maintaining it rigidly in any position of adjustment, a vertically movable head mounted in said guide frame, a screw for actuating said head and maintaining it rigidly in any position of adjustment, and a centering member carried by said head and adapted to engage one end of a roll of coins.

WILLIAM D. HEER.

Witnesses:

LOIS FORCE,
D. L. BELKNAP.