

No. 861,802.

PATENTED JULY 30, 1907.

W. M. BROWN.
SELF FEEDING PUTTYING DEVICE.

APPLICATION FILED JAN. 9, 1907.

2 SHEETS—SHEET 1.

Fig. 1.

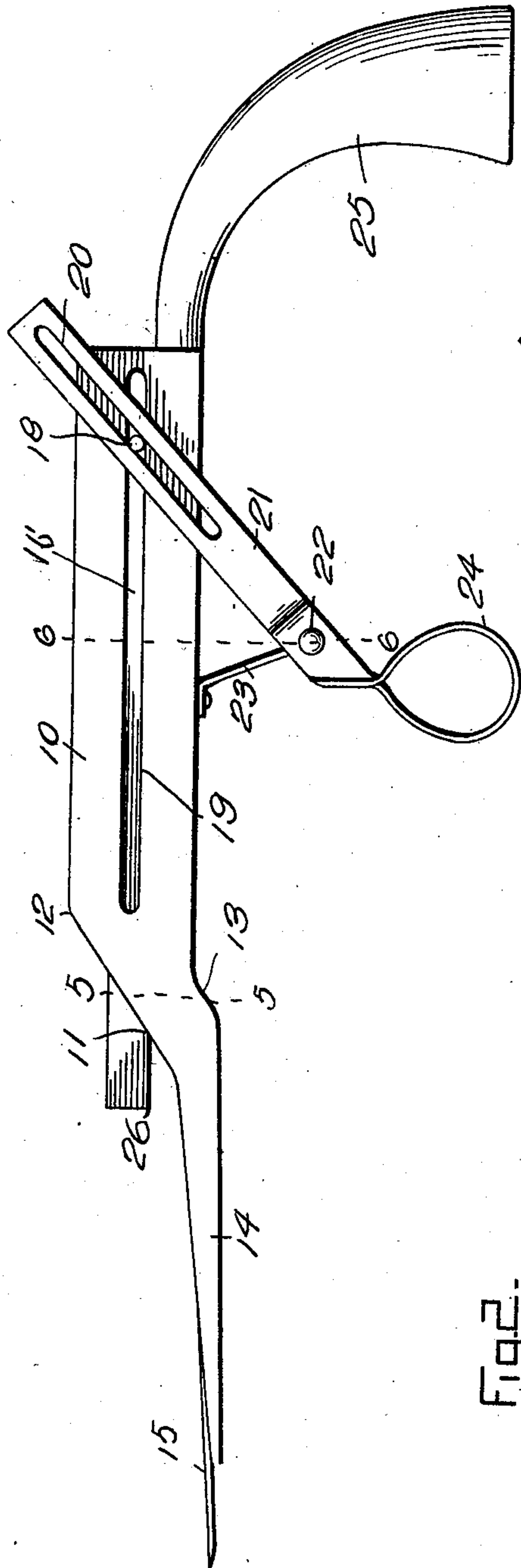
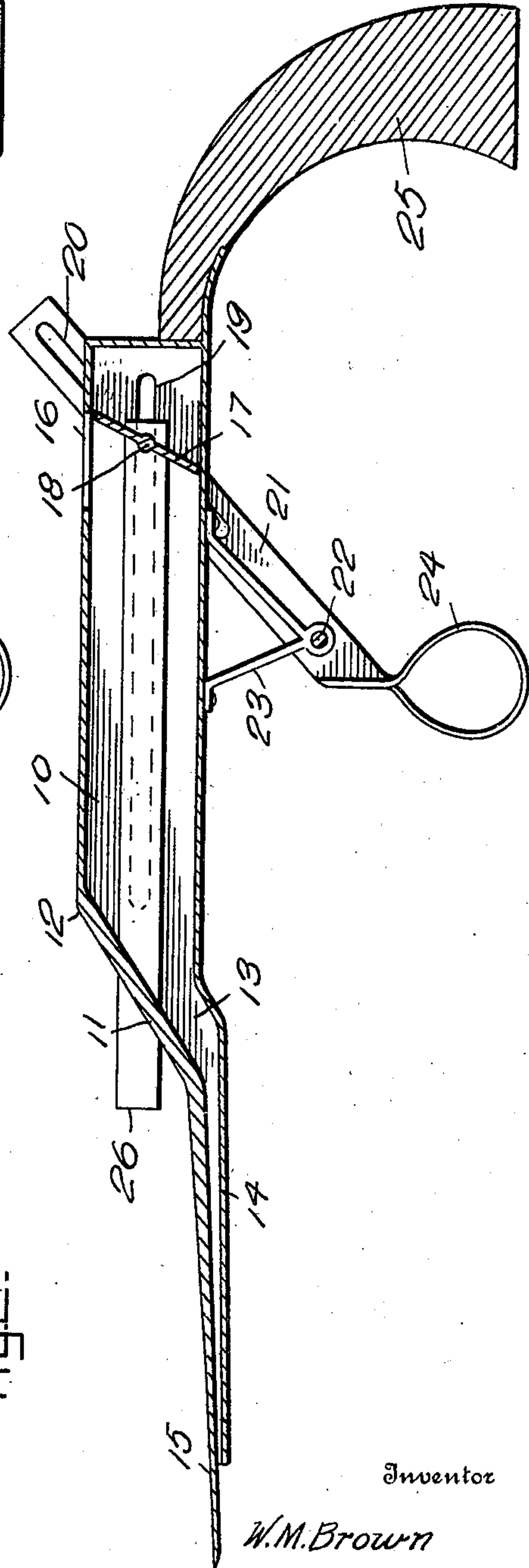


Fig. 2.



Inventor

W. M. Brown

Witnesses

G. R. Thomas
P. B. Smith

By

Charles *Charles*

Attorneys

No. 861,802.

PATENTED JULY 30, 1907.

W. M. BROWN.
SELF FEEDING PUTTYING DEVICE.

APPLICATION FILED JAN. 9, 1907.

2 SHEETS—SHEET 2

Fig. 3.

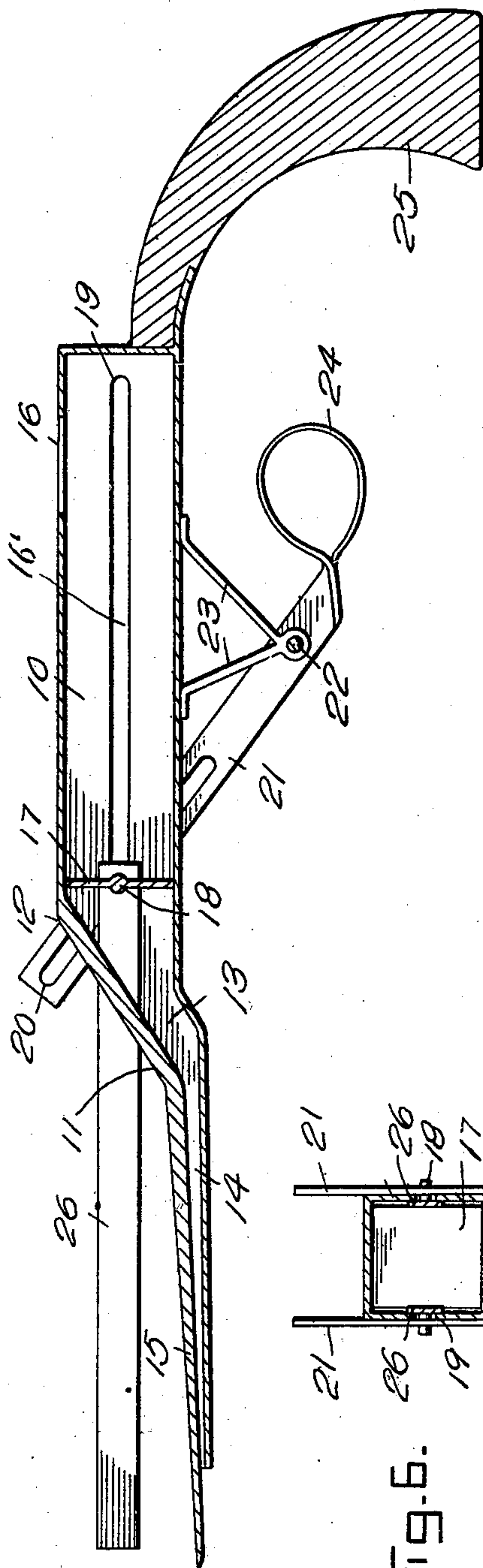


Fig. 6.

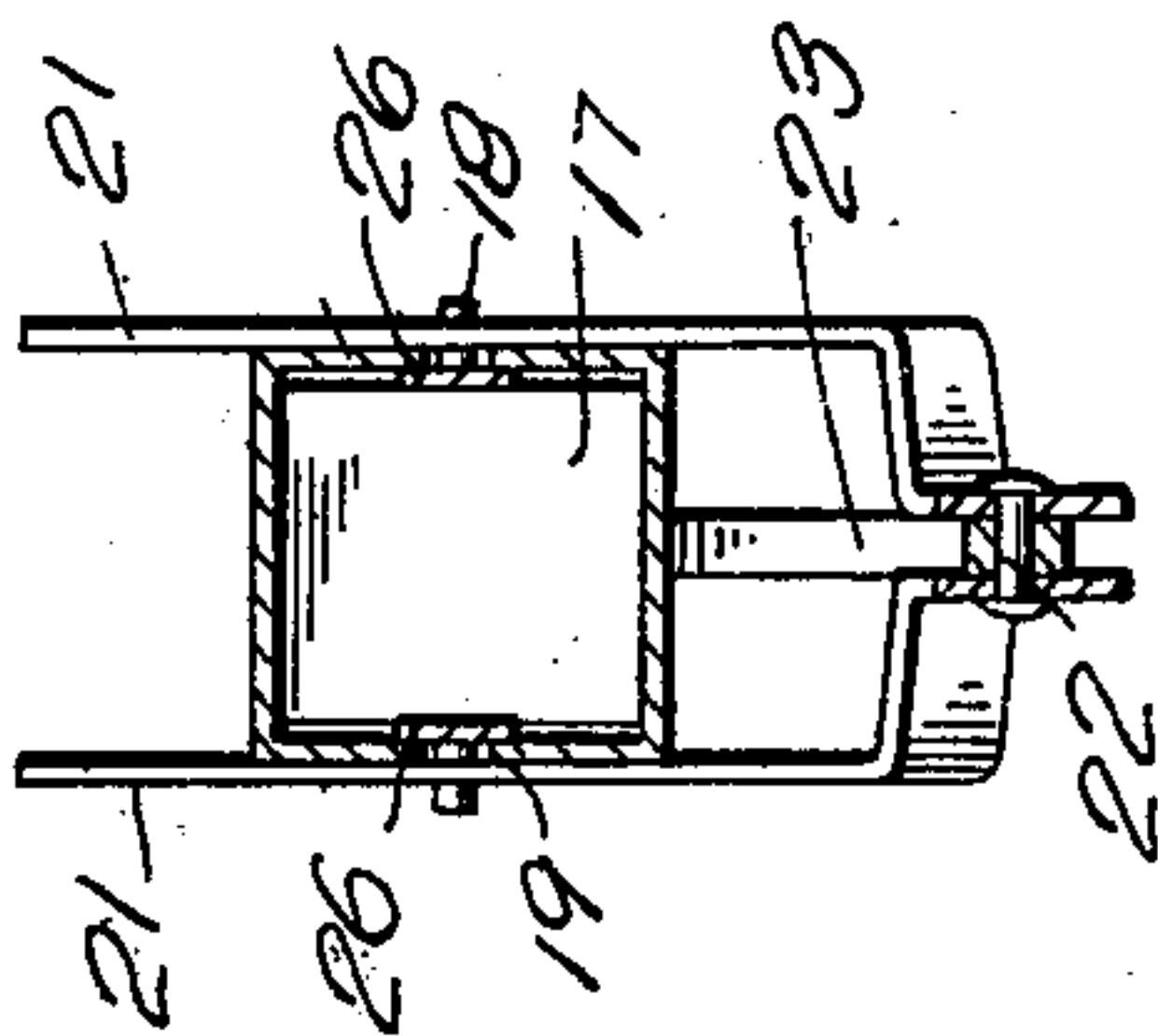


Fig. 5.

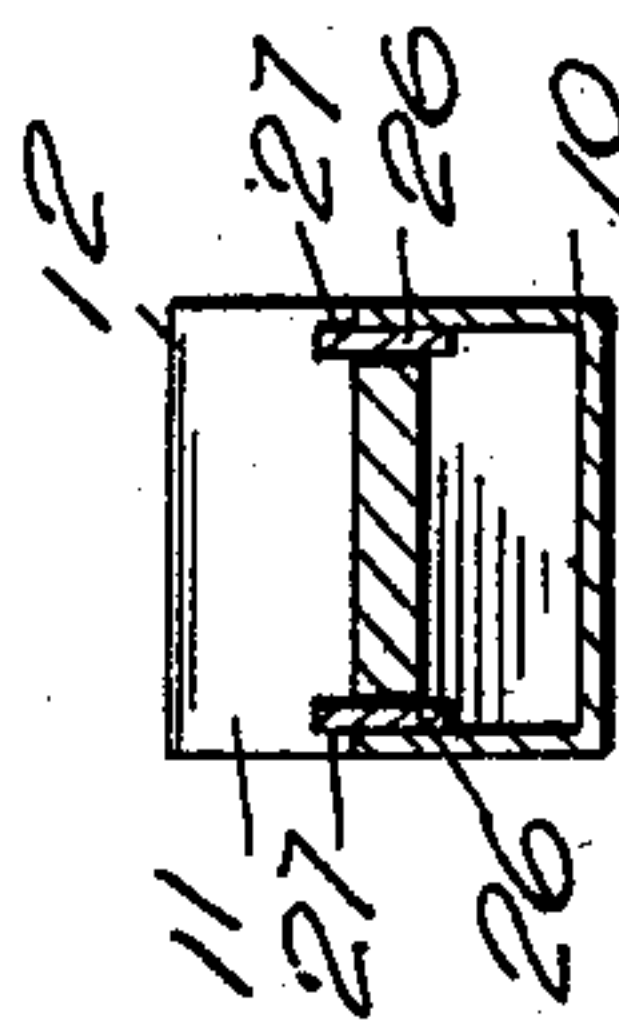
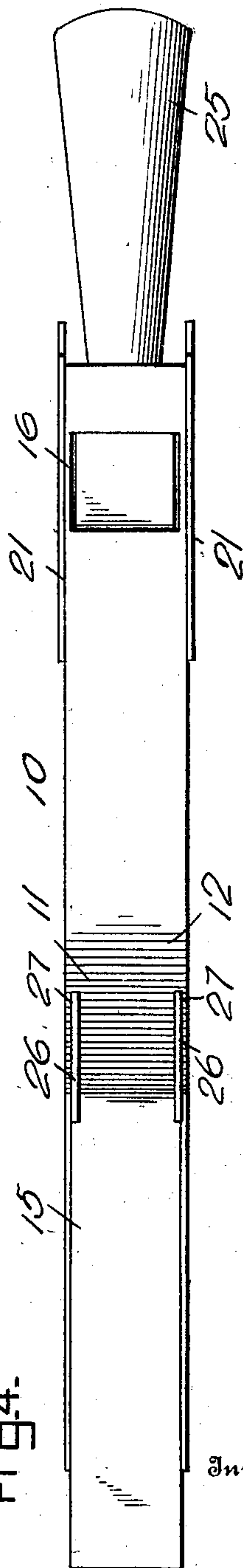


Fig. 4.



Inventor

Witnesses

G. R. Thomas
R. B. Paul

By

W. M. Brown
Charles Brown

Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM M. BROWN, OF AMERICUS, KANSAS.

SELF-FEEDING PUTTYING DEVICE.

No. 861,802.

Specification of Letters Patent.

Patented July 30, 1907.

Application filed January 9, 1907. Serial No. 351,509.

To all whom it may concern:

Be it known that I, WILLIAM M. BROWN, a citizen of the United States, residing at Americus, in the county of Lyon, State of Kansas, have invented certain new and useful Improvements in Self-Feeding Puttying Devices; 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 appertains to make and use the same.

This invention has relation to self-feeding putty-knives.

It is the object of my improvements to provide an improved puttying contrivance having a reservoir for the putty to be fed to the knife, which reservoir may be easily filled or supplied with material, and have a readily operated plunger for forcing the putty from the reservoir into position under the knife to be acted upon by it to lay the putty in proper position on the window frame and against the margin of the glass.

Other objects of the invention will appear from the following detailed description.

The nature of the invention is ascertainable from the device portrayed in the annexed drawings, forming a part of this specification, in view of which it will first be described with respect to its construction and mode of use, and then be pointed out in the subjoined claims.

Of the said drawings—Figure 1 is a side elevation of the invention, showing the plunger as in retracted position. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a view similar to Fig. 2 but showing the plunger as having been moved to its extreme forward position. Fig. 4 is a plan. Fig. 5 is a transverse section in the plane 5—5 of Fig. 1. Fig. 6 is a transverse section in the plane 6—6, of Fig. 1.

Similar numerals of reference designate similar parts or features as the case may be, wherever they occur.

In the drawings, 10 designates the magazine or reservoir for the receipt of the putty to be used, the forward end of which is beveled as at 11, from its upper side downward as designated at 12. The bottom of the reservoir at its forward end is offset downward and is extended forward for a considerable distance and is provided with vertical sides 14 which diminish in height from their rearward end to their forward end where they substantially disappear. The upper side of the inclined portion 12 of the forward end of the reservoir is covered by a plate which is thickened where it covers the reservoir and is thinned down toward its forward end so as to constitute a knife 15 for spreading the putty.

16 designates an opening on the top of the reservoir into which the putty to be used may be fed and 17

designates a plunger consisting of a plate of metal of suitable thickness and character to fit in the reservoir and to be moved forward against the putty therein so as to press it forward into the reservoir and out through the forward end 13 under the knife 15. The plunger 17 has a rod 18 secured to it, the ends of which extend through slotted openings 16' in the sides of the reservoir and also through slots 20 in the upper arms 21 of a lever fulcrumed on a pin 22 forming the base of brace rods 23 connected with the bottom of the reservoir, the lower arm of side slotted levers being formed into a loop 24 adapted to be engaged by a finger of the hand when the hand proper is employed in holding the device by the pistol-like grip handle 25 projecting outward and downward from the rearward end of the reservoir.

26 designates slides which are connected at their rearward ends with the pin 22 secured to the plunger and forming means whereby it is moved to and fro by the upper arms of the aforesaid slotted lever. The side slides 26 move with the plunger and serve to close the slots at the sides of the reservoir through which the pin 22 extends. The slides 26 at their forward ends project through slotted openings 27 at the forward inclined end of the reservoir between its sides and the covering for the inclined top so as the plunger is moved forward the slides will be projected out over the putty-knife and when the plunger is retracted so that the reservoir may be filled through the opening 16, the slides will be retracted and be substantially out of the way.

In the use of the device the operator will take hold of the pistol-like grip handle and with his middle finger engaging the loop 24, supposing, of course, that the reservoir has been previously filled (as before stated), he will draw the lower arm of the slotted lever which engages the pins of the plunger backward, thus forcing the plunger forward and the putty out through the forward end of the reservoir under the knife and the extended lower portion of the bottom of the reservoir bearing the putty forced out into position to be acted upon by the knife so as to be laid or plastered down into desired position.

The main portions of the contrivance may be made of sheet metal or of similar material and it is recognized that some of the parts and features may be changed in form and arrangement without departing from the general nature or spirit of the invention.

What is claimed is:

1. A puttying device consisting of a reservoir having its forward end inclined downward to the bottom, an exit opening at the forward end of the incline, an offset bottom to the reservoir extending forward of the latter,

and a puttying-knife extending forward from the inclined end of the reservoir over said extended bottom, the latter being provided with vertical sides inclining downward from their rear ends to near a vanishing point at their
5 front ends.

2. A puttying device consisting of a reservoir having feeding and delivery openings, a plunger to force the putty out through the delivery openings, slots in the sides of the reservoir, pins connected with the plunger and ex-

tended through said slots, strips of metal connected with 10 and movable with said plunger to close said slots, and means connected with the pins to move the plunger.

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

WILLIAM M. BROWN.

Witnesses:

JOSEPH GIBBS,
R. S. WISE.