To all whom it may concern:

Be it known that I, ALBERT SPAWN, a citizen of the United States, residing at Chester, in the county of Lake and State of South Dakota, have invented certain new and useful Improvements in Plastic-Material-Applying Devices, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to apparatus designed especially for use by glaziers for spreading putty and stone masons for spreading mortar in "tuck pointing" or "beading".

An object of the invention is to provide a device of this character including a receptacle for the material and novel means combined with the receptacle for forcing the material out through the receptacle outlet, such means being adapted to be so adjusted that the entire contents of the receptacle can be effectively forced out before refilling the receptacle.

A further object is to provide an extremely simple and durable device of this character which will be formed of a few simple parts that will not easily get out of order.

With the above objects in view the invention consists of certain novel details of construction and combination of parts hereinafter fully described and claimed, it being understood that various modifications may be made in the minor details of construction within the scope of the appended claims.

In the accompanying drawing illustrating this invention: Figure 1 is a side elevation of the invention. Fig. 2 is a plan view. Fig. 3 is a vertical sectional view. Fig. 4 is a detail perspective view of the spout.

Referring now to the drawing in which like characters of reference designate similar parts, 10 designates a cylindrical receptacle which is closed at the bottom and open at the top and is provided exteriorly with screw threads 11 from top to bottom. A curved spout 12 opens through the center of the bottom, this spout being cut away obliquely at the delivery end as shown at 13 to facilitate the discharge of the material as usual in devices of this character. A spreading blade 14 is secured to the tip of the spout by means of a bolt 15 or otherwise, it being understood that blades of various sizes and shapes may be substituted for the blade illustrated without departing from the spirit of the invention. The receptacle is designed to contain plastic material such as putty, mortar, or the like, and for forcing this material out through the spout the following mechanism is employed: A flat band 16 is provided interiorly with screw threads 17 which engage with the screw threads on the exterior of the receptacle, the band being thus capable of being advanced to any desired position longitudinally of the receptacle, such adjustment of the band being facilitated by means of a handle 18 that is integral with the band, which handle forms means for rotating the band and thus positioning the same at any desired place on the receptacle. Diametrically opposite from the handle the band is formed with an integral eye 19. An eye bolt 20 is passed through the eye 19 and extends vertically upward beyond the top of the receptacle, there being a nut 21 disposed on the eye bolt below the eye 19 which contacts with the latter and holds the eye bolt against withdrawal. An operating lever 22 is passed through the eye 23 of the eye bolt and is then headed up as shown at 24. A post 25 is threaded into the operating lever and is positioned above the center of the receptacle, this post terminating below the lever in a head 26. A plunger in the nature of a disk 27 works in the receptacle, the plunger having a stem 28 which is equipped at the upper end with a socket 29 that loosely receives the head 26.

In operating the device, the handle 18 and the operating lever are grasped and the operating lever forced toward the handle with a resultant urging of the plunger against the body of plastic material in the receptacle whereby the material is forced out through the spout and, if required, the blade 14 may be employed to spread the material after the same has been properly ejected. As the body of the material in the receptacle becomes depleted to such an extent that the effectiveness of the plunger is impaired, the band 16 is rotated until it assumes a lower position on the receptacle, carrying down with it the fulcrum of the operating lever, i.e. the eye bolt 20, whereby the plunger is again positioned to effectively operate upon the body of the material. This operation may be repeated until the band is positioned at the bottom edge of the receptacle in which position the plunger will operate effectively to force out the remaining material from the receptacle.

From the above description it will be seen
that I have provided an extremely simple and durable device of the character described, which device is formed of a few parts that will not easily get out of order.

What is claimed, is:

1. A device of the character described including a receptacle having a discharge opening, a plunger mounted for recurrent movement within said receptacle, an operating lever connected to said plunger, a band in threaded engagement with said receptacle, and a fulcrum member for the lever connected to and supported by said band, the connection between the band and receptacle permitting said band being advanced or retracted longitudinally of said receptacle whereby to vary the position of said fulcrum relatively to said receptacle.

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

ALBERT SPAWN.

Witnesses:

F. A. HURT,
C. H. OWENS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D.C."