

(No Model.)

A. D. KLABER.
KEY OPERATED FOLDING TUBE.

No. 537,928.

Patented Apr. 23, 1895.

Fig. 1.

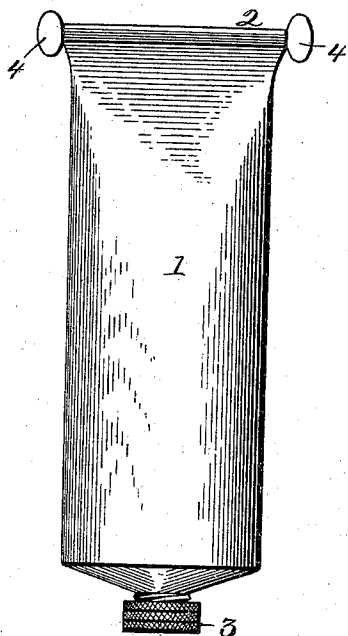


Fig. 2.

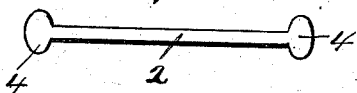


Fig. 3.



Fig. 4.



Witnesses:
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UNITED STATES PATENT OFFICE.

AUGUSTUS D. KLABER, OF NEW YORK, N. Y., ASSIGNOR TO THE NEOSTYLE COMPANY, OF SAME PLACE.

KEY-OPERATED FOLDING TUBE.

SPECIFICATION forming part of Letters Patent No. 537,928, dated April 23, 1895.

Application filed February 27, 1895. Serial No. 539,958. (No model.)

To all whom it may concern:

Be it known that I, AUGUSTUS D. KLABER, a subject of the Queen of Great Britain, residing at New York, in the county of New York and State of New York, have invented a certain new, useful, and valuable Improvement in Key-Operated Folding Tubes, of which the following is a full, clear, and exact description.

My present invention relates to key operated folding tubes, and has for its object to provide the combination and arrangements of parts such as will be hereinafter fully described.

Figure 1 is a side elevation of my device; and Figs. 2, 3, and 4 show various forms of folders or keys to be used therewith.

Throughout both views of the accompanying drawings, and the following specification, like characters of reference indicate corresponding parts.

I am aware that numerous forms of tubes and packing cases for semi-fluid and plastic substances have been devised for either completely expunging the contents of such tubes or cases, or for expunging plastic substances of a stiff consistency, whereas my device not only accomplishes these ends but also permits the contents of such receptacles to be expunged with great ease and without soiling the hands.

In the said drawings, 1, represents the body of the tube; 2, the folder, the latter as shown in Fig. 1 having one or two folds of the end of tube about it and upon removing the cap 3, and turning the projecting thumb-holds, 4, so as to further wrap up the material of the tube, the contained material is thereby expunged through the discharging aperture.

In winding up the key or folder, the resulting action is to gradually bring the sides of the tubes next the folder together and as the material is folded up the area within the tube is decreased and its contents forced out through the discharging aperture.

The thumb-holds 4, serve as levers and enable a person to expunge plastic substances such as would prove too stiff to be expunged by the ordinary method of squeezing the sides of the tubes together with the fingers.

The forms of folders shown in Figs. 2 and 3 are preferably stamped out of sheet metal, that at Fig. 3 having a slot 5 therein into which the flattened end of the tube is inserted while the form shown at Fig. 4 is made of wire and accomplishes practically the same result as that shown at Fig. 3.

I contemplate the use of tubes of various shapes or forms and various modifications may be made without avoiding the spirit of my invention, as

What I claim, broadly, is—

A key operated folding tube, or packing case, consisting of a flexible body having a suitable discharging aperture, a folder provided at one end of the flexible body, and a thumb-hold arranged at one or both ends of the folder, said folder when turned being adapted to wind the flexible body thereon and force its contents out through the discharging aperture, substantially as herein described.

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

AUGUSTUS D. KLABER.

Witnesses:

JANDINE LYNG,
LE ROY L. EBERLY.