(No Model.)

D. S. McKINLAY.

BAG.

No. 489,165. Patented Jan. 3, 1893.

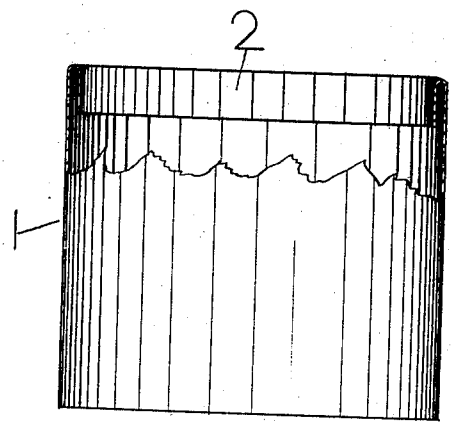

Fig: 1.

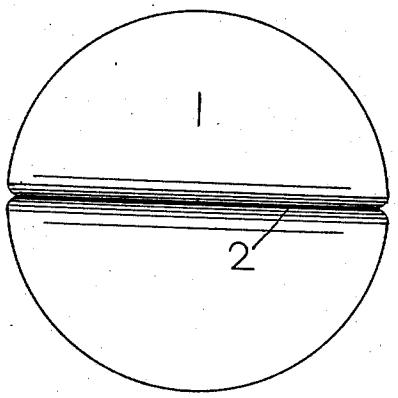

Fig: 2.

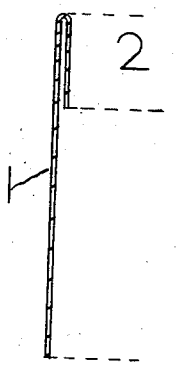

Fig: 3.

Witnesses
J. F. Harris:
A. M. Turner.

Inventor
D. S. McKinlay
By his Attorney
H. M. Bowie

UNITED STATES PATENT OFFICE.

DANIEL S. McKINLAY, OF ALBANY, NEW YORK.

BAG.

SPECIFICATION forming part of Letters Patent No. 489,165, dated January 3, 1893.

Application filed January 27, 1892. Serial No. 419,428. (No model.)

To all whom it may concern:

Be it known that I, DANIEL S. McKINLAY, a citizen of the United States, residing at Albany, in the county of Albany and State of New York, have invented certain new and useful Improvements in Bags; and I do 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

The object of my invention is to provide an improved bag.

Figure 1 shows a front elevation of a bag with its side torn away to show my improved flap at the mouth of the bag. Fig. 2 a plan view of the top of the bag; and Fig. 3 a vertical sectional view thereof.

The bag 1 is preferably composed of paper. To form my improved flap 2 the mouth of the bag is preferably turned inward, forming a continuous flap preferably all round the inside of its mouth, but the flap 2 may be of other substance than the body of bag 1 and may be affixed to the bag's mouth, if desired. On the meeting surfaces of these flaps 2 I preferably place mucilaginous substance, rendering them adhesive, and this adhesive substance may be on one or both meeting surfaces but I do not confine myself to adhesive substance as a fastener.

The operation is as follows: When the flaps 2 are in position and depending in the bag's mouth and rendered adhesive as shown, any substance desired is placed in the bag and the adhesive substance is dampened in any desired manner and the uniting surfaces of the flaps 2 are pressed together and adhere, forming a permanent closure of the bag without the use of strings or other like adjuncts, *i. e.*, the permanent closure is such that the bag 1 once closed cannot be opened without rupturing either the bag or the flaps, and the flaps 2 being turned inward or hanging downward in the mouth of the bag 1 presents a smooth and regular surface upon the top of the bag when it is permanently closed and one not so liable to accidental rupture as it would be if the cemented flaps protruded outside instead of being protected by being hidden inside the bag, and being inside the mouth, the top of the bag is smooth, level and unobstructed, which allows of packing the bags closely and securely, the bottom of one bag resting on the top of another and when so packed, the shifting or shucking of the bags in transit does not injure the flaps or the closure, as the flaps do not present an outside raised, bunched or hard surface for the bag or other article resting on it to catch upon and thus easily injure the bag, and the flaps being turned inward give a smooth and neat appearance to the top of the bag.

I am aware that bags have been made having a flap inside the bag's mouth arranged to be simply rolled together but not to be permanently attached, and in such bags the mouth of the bag has to be closed by a string tied or fastened about it as the rolling of the flaps together does not form a permanent closure and I disclaim as to such bags and such closures of them. I also disclaim as to all bags, envelopes or other receptacles having the edges of the mouth gummed and stuck together, the gummed edges rising upward and outside the bag's mouth as is done in case of certain envelopes.

Having fully described my invention, what I claim is:—

1. A bag having its mouth or top turned inward forming a flap inside the mouth of the bag, the free edges of the flap hanging downward inside said mouth and arranged to be fastened together while so hanging forming a permanent closure of the bag and a smooth, unobstructed top thereto, for the purposes described.

2. A bag having a flap in its mouth, the free edges of the flap hanging downward inside the bag and arranged to be fastened while so hanging forming a permanent closure of the bag and a smooth unobstructed top thereto for the purposes described.

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

DANIEL S. McKINLAY.

Witnesses:
W. M. BROWN,
A. M. TURNER.