

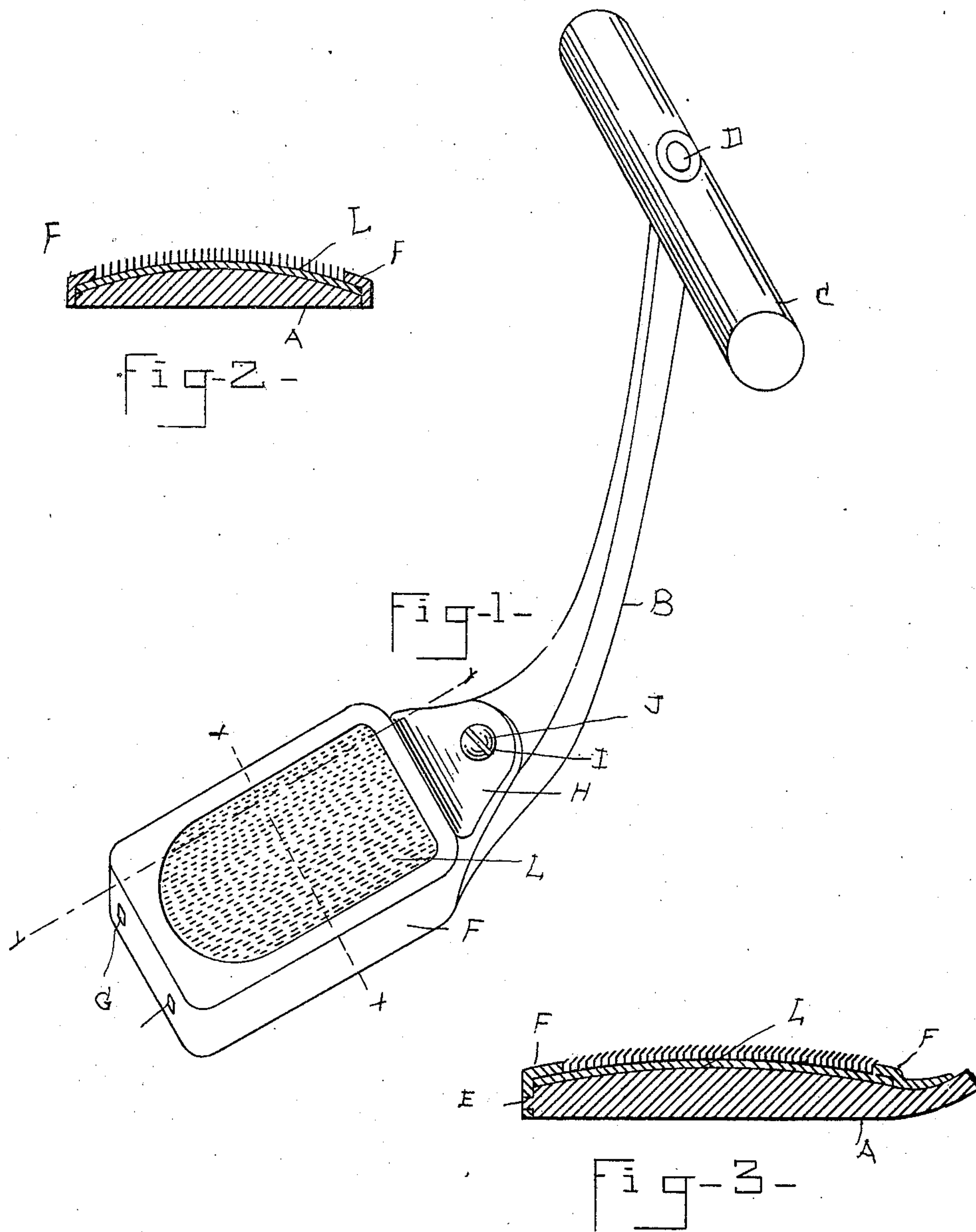
No. 842,913.

PATENTED FEB. 5, 1907.

H. & E. SANBORN.

BAG HANDLER.

APPLICATION FILED JUNE 11, 1906.



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UNITED STATES PATENT OFFICE.

HORACE SANBORN AND ELLET SANBORN, OF PORTLAND, MAINE.

BAG-HANDLER.

No. 842,913.

Specification of Letters Patent.

Patented Feb. 5, 1907.

Application filed June 11, 1906. Serial No. 321,107.

To all whom it may concern:

Be it known that we, HORACE SANBORN and ELLET SANBORN, citizens of the United States, and residents of Portland, in the county of Cumberland and State of Maine, have invented new and useful Improvements in Bag-Handlers, of which the following is a specification.

This invention relates to improvements in bag-handlers, and more particularly to the gripping-surface and the manner of holding the gripping-surface to the handle.

In the drawings herewith accompanying and forming a part of this application, Figure 1 is a perspective view of our improved device. Fig. 2 is a section taken on lines X X of Fig. 1, and Fig. 3 is a section taken on lines Y Y of Fig. 1.

Same letters of reference refer to like parts in all the figures.

In said drawings, A represents a suitable base-plate, the upper surface of which may be made convex, if so desired. Attached thereto or made integral therewith is a handle B, curved and provided with a grip C at its upper end, said grip being held in place on the handle in any suitable manner, as seen at D. Said base-plate is also provided with lugs E. Removably attached to said base-plate A is a frame F, open at the bottom and top and provided with two openings G to receive the lugs E in the base-plate. Said frame is also provided with a lip H, having a socket I therein. Said frame is held in position on the base-plate by means of screws or other suitable means J. The base-plate is also provided with a covering of card-clothing or some similar material L. The clothing consists of a multiplicity of fine yielding teeth, which may be bent slightly upwardly and toward the handle. This material may be attached rigidly to the base-plate by means of a cement or other suitable material or it may be held in place simply by the mov-

able frame. The upper surface of the base-plate may be made convex, if desired, in order to force the flexible card-clothing up through the openings in the frame F.

The object of this invention is to provide a means of handling bags containing grain or other similar substance and to obviate the danger of puncturing or tearing the bag which would result from the use of hooks or similar devices.

The operation of our device is as follows: The small yielding teeth which form the gripping-surface are struck lightly against the side of the bag and take into the mesh of the bag, thereby giving a firm grip as a whole, but no individual tooth holding rigid enough to tear the bag.

Having thus described our invention and its use, we claim—

1. In a bag-handler, a base-plate provided with a suitable handle, the upper surface of said base-plate being provided with a multiplicity of fine yielding teeth.

2. In a bag-handler, a base-plate having a handle attached thereto and having its upper surface provided with a multiplicity of fine yielding teeth bent upwardly toward the handle.

3. In a bag-handler, a base-plate provided with a suitable handle, the upper surface of said base-plate being convex, a multiplicity of fine teeth removably attached to said base-plate and a suitable frame removably attached to said base-plate for holding said teeth in position.

In testimony whereof we have signed our names to this specification, in presence of two subscribing witnesses, this 7th day of June, 1906.

HORACE SANBORN.
ELLET SANBORN.

In presence of—

NATHAN CLIFFORD,
ELGIN C. VERRILL.