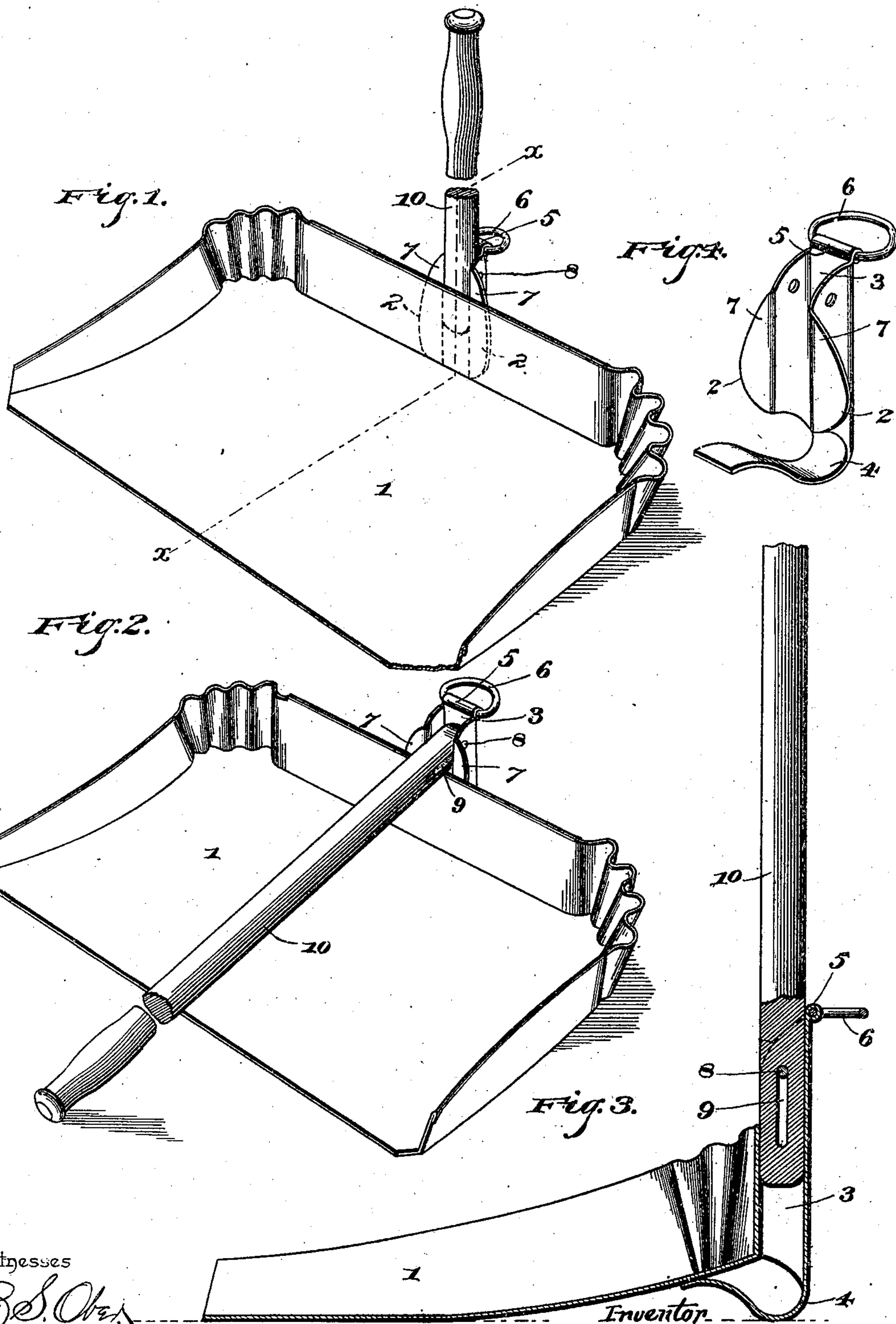


(No Model.)

E. L. HIATT.
FOLDING HANDLE FOR DUST PANS.

No. 502,296.

Patented Aug. 1, 1893.



Witnesses

B. S. Ober,
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By her Attorneys,

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UNITED STATES PATENT OFFICE.

ELLA L. HIATT, OF DUBLIN, INDIANA.

FOLDING HANDLE FOR DUST-PANS.

SPECIFICATION forming part of Letters Patent No. 502,296, dated August 1, 1893.

Application filed March 25, 1893. Serial No. 467,548. (No model.)

To all whom it may concern:

Be it known that I, ELLA L. HIATT, a citizen of the United States, residing at Dublin, in the county of Wayne and State of Indiana, have invented a new and useful Folding Handle for Dust-Pans, of which the following is a specification.

This invention relates to dust-pans, and has for its object to provide an elongated adjustable handle in connection therewith whereby the body of the person using the same may be held erect without stooping and avoid the congregation of dust upon the person.

With this and other objects in view, the invention consists of the construction and arrangement of the parts thereof as will be hereinafter more fully described and claimed.

In the drawings: Figure 1 is a perspective view of a dust-pan embodying the invention and shown in operative position. Fig. 2 is a similar view with the handle folded down and the parts of the pan thereby arranged for storage or to be suspended from a suitable support. Fig. 3 is a section on the line $x-x$, Fig. 1. Fig. 4 is a detail perspective view of the socket attachment disconnected.

Similar numerals of reference indicate corresponding parts in the several figures of the drawings.

Referring to the drawings, the numeral 1 designates a pan of any suitable form of construction and material, but preferably of the usual form of devices as shown, and to the rear of the same is secured an independent socket attachment comprising ears 2, that are riveted or soldered to the back of the pan and with which is integrally formed an angular socket 3, with a lower depending curved arm 4, that has the free end thereof secured to the bottom of the pan and forms a heel that properly positions the pan when placed upon the floor to receive the dirt or dust that is to be swept thereinto. The upper end of the socket 3, at the rear of the same, is provided with an elongated eye 5, in which is movably mounted a ring 6, whereby the pan and its attachments may be suspended from a suitable nail or hook. The front of the socket 3, at the point where it rises above the

upper edge of the back of the pan, is open and flared laterally, as at 7, the said flared portion being a continuation of the ears 2, and in the upper end of said socket is a transversely-arranged pivot-pin or bolt 8, that passes through an elongated slot 9 in the lower end of a handle 10, that is constructed preferably of wood and of such length that when mounted in operative position it will obviate stooping of the person using the pan. The lower end of the handle 10 approximates the size and shape of the socket 3, and when the said handle is pressed downwardly into the socket it is held in vertical position against movement by the walls of the socket and the back of the pan bearing thereagainst and resisting a tendency to loosening of the said handle.

When it is desired to store the pan or suspend it by means of the ring 6, the handle 10 is raised until the bottom of the slot 9 is brought to bear against the pivot pin or bolt 8, and thereby free the lower end of said handle from the socket 3, when the said handle can be turned down as shown in Fig. 2, and the pan put in condition for storage.

It will be seen that the form of construction set forth permits of the use of a long-handled broom in sweeping the dust or dirt upon the pan, and that no locking attachments are necessary to hold the handle 10 in proper position, other than the construction set forth, which simplifies the arrangement of parts and makes the same easy of manufacture at a comparatively small cost, which will of course reduce the selling price.

Changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having described the invention, what is claimed as new is—

In a dust-pan, the combination of the body of the pan having a socket at the back thereof with a lower integral heel and extending below and supporting the body of the pan and provided with an upper suspending ring, said socket being open at the front above the upper edge of the back of the pan, a pivot-pin

extending transversely through the upper
part of said socket, and a handle having an
elongated slot in the lower end thereof through
which said pivot-pin also passes, said handle
5 being pressed downwardly to position the
same against movement and drawn upwardly
and turned down on its pivot for storing the
pan, substantially as described.

In testimony that I claim the foregoing as
my own I have hereto affixed my signature in
the presence of two witnesses.

ELLA L. HIATT.

Witnesses:

SAMUEL DILLON,
ANNA HIATT.