V. NATALE.

SCOOP.

APPLICATION FILED SEPT. 5, 1914.

1,160,748. Patented Nov. 16, 1915.

Fig. 1.

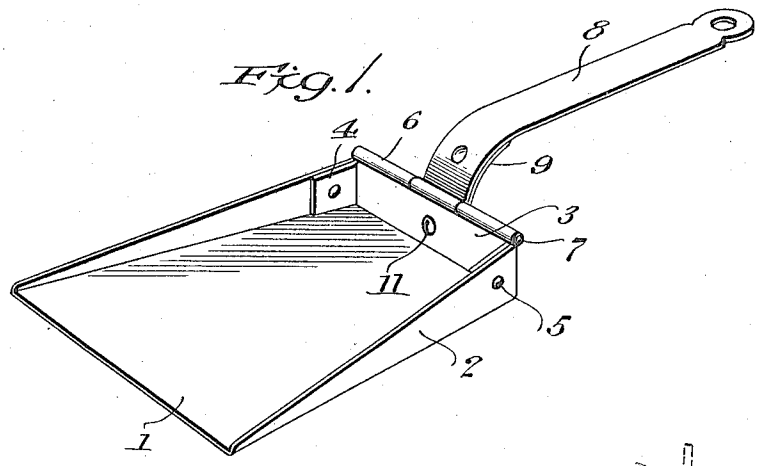


Fig. 2.

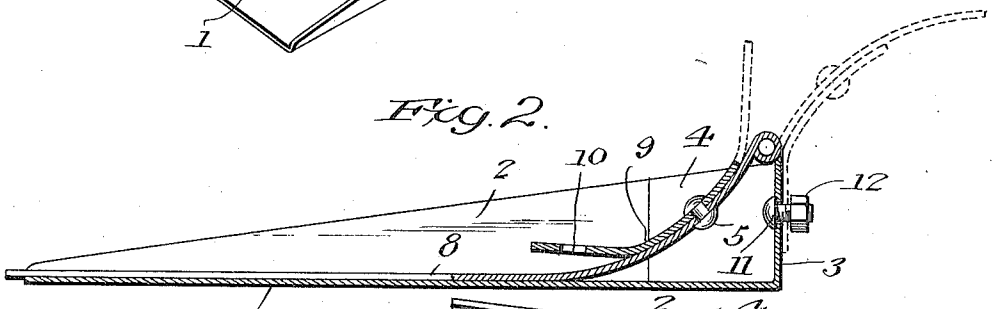


Fig. 4.

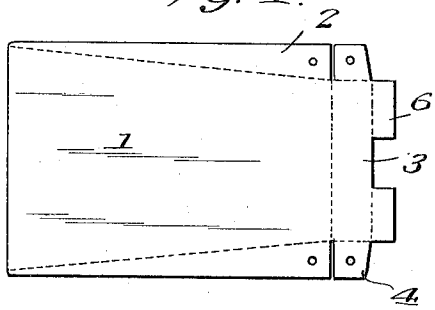


Fig. 3.

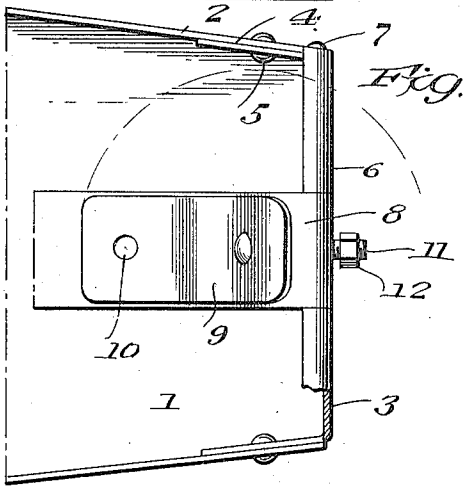
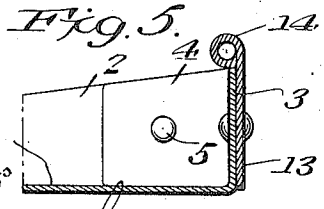


Fig. 5.



Witnesses

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SCOOP.

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To all whom it may concern:

Be it known that I, VICTOR NATALE, a citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented new and useful Improvements in Scoops, of which the following is a specification.

This invention relates to foldable scoops and it consists in the novel features hereinafter described and claimed.

An object of the invention is to provide a scoop of simple and durable structure the parts of which may be folded in order that the scoops may occupy but little space when not in use and in fact if desired may be carried about in the pocket of a garment.

With the above object in view the scoop comprises a body of sheet metal or other suitable material having a handle pivotally attached thereto and adapted to be swung over the body of the scoop the said handle being provided with means for bracing the same in position when it is extended with relation to the body of the scoop.

In the accompanying drawing:—Fig. 1 is a perspective view of the scoop showing the parts in extended position. Fig. 2 is a sectional view of the scoop showing the parts folded together. Fig. 3 is a plan view of the scoop showing the parts folded. Fig. 4 is a plan view of the blank for the body of the scoop. Fig. 5 is a detailed sectional view of a slightly modified form of the scoop.

The scoop comprises a body 1 which is preferably of sheet metal having at its side edges upstanding flanges 2 and provided at its rear with an upstanding flange 3. Fig. 4 shows a plan view of the blank from which the said body is made and the flange 3 is provided at its ends with lugs 4 which are bent around and secured to the inner sides of the flanges 2 by means of rivets 5 or other suitable securing devices.

In the form of invention as shown in Figs. 1 to 4 inclusive the flange 3 is provided at its upper edge with curls or knuckles 6 which are spaced from each other at their inner ends and which receive a pivot pin 7. The pin 7 bridges the space between the inner ends of the said curl 6.

A handle 8 is pivoted upon the pin 7 between the inner ends of the curls 6 and is adapted to be swung over the intermediate portion of the body 1 of the scoop. A brace 9 is pivotally connected with the handle 8 and is curved longitudinally. The said brace 9 is provided at one end portion with an aperture 10 adapted to receive a stud when the handle 8 is in extended position with relation to the body 1 and which will now be described. The said stud is indicated at 11 and passes through the flange 3 at a point approximately midway between the ends thereof. The stud is provided at its rear end with a nut 12 which may be detached therefrom.

Inasmuch as the handle 8 is pivotally mounted upon the pin 7 the said handle when the brace 9 is not connected with the stud 11 is free to be swung from a position shown in Fig. 1 to the position as shown in Fig. 2 wherein the said handle 8 is positioned over the intermediate portion of the body 1. When so positioned the scoop occupies but little space and may be readily transported from place to place.

When it is desired to use the scoop the handle 8 is swung back from the position as shown in Fig. 2 and the brace 9 is turned around so that the opening or aperture 10 in the said brace is caused to receive the stud 11. The nut 12 is then applied to the stud 11 and consequently the brace 9 is held in position and effectually supports the handle 8 in the position as shown in Fig. 1 of the drawing. It is of course understood that when it is desired to swing the handle 8 over the body 1 the brace 9 is disconnected from the stud 11 when the parts are free to be swung to the position shown in heavy lines in Fig. 2.

In the form of invention as shown in Fig. 5 the curls 6 are dispensed with and in lieu thereof a strip 13 is riveted to the rear side of the flange 3 and the said strip is provided at its upper edge with curls 14 adapted to receive the pivot pin 7. Inasmuch as this is merely a structural detail further description of the same is considered unnecessary. Therefore it will be seen that a scoop of simple and durable structure is provided and that the parts thereof are so assembled as to be easily and conveniently folded when desired and the parts may be readily extended with relation to each other and effectually secured so that the scoop may be used for all ordinary purposes intended.

Having described the invention what is claimed is:—

A scoop comprising a body portion having at its rear edge an upstanding flange, a handle pivotally connected with the flange, a brace pivotally connected with the handle, said brace being curved longitudinally and provided with an aperture, and a stud connected with the flange and adapted to pass through the aperture and means for securing the brace to the stud.

VICTOR NATALE.

In presence of—
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