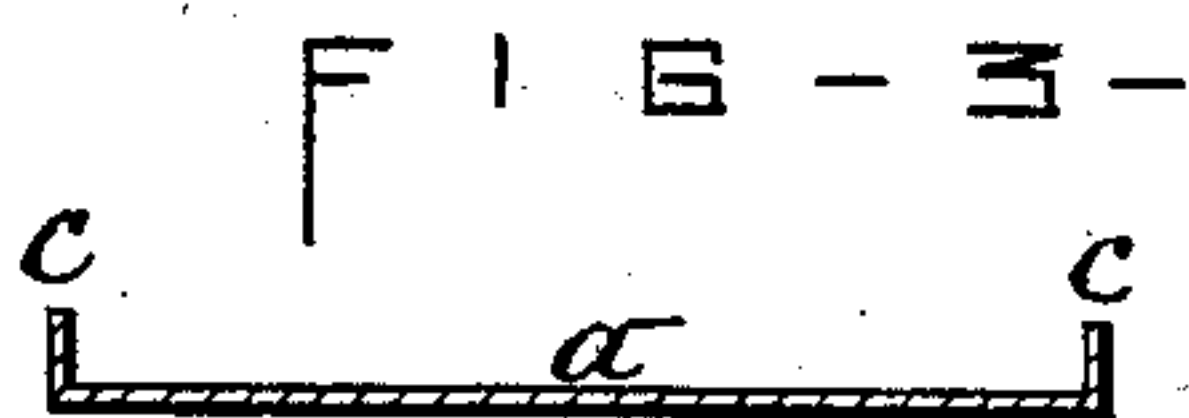
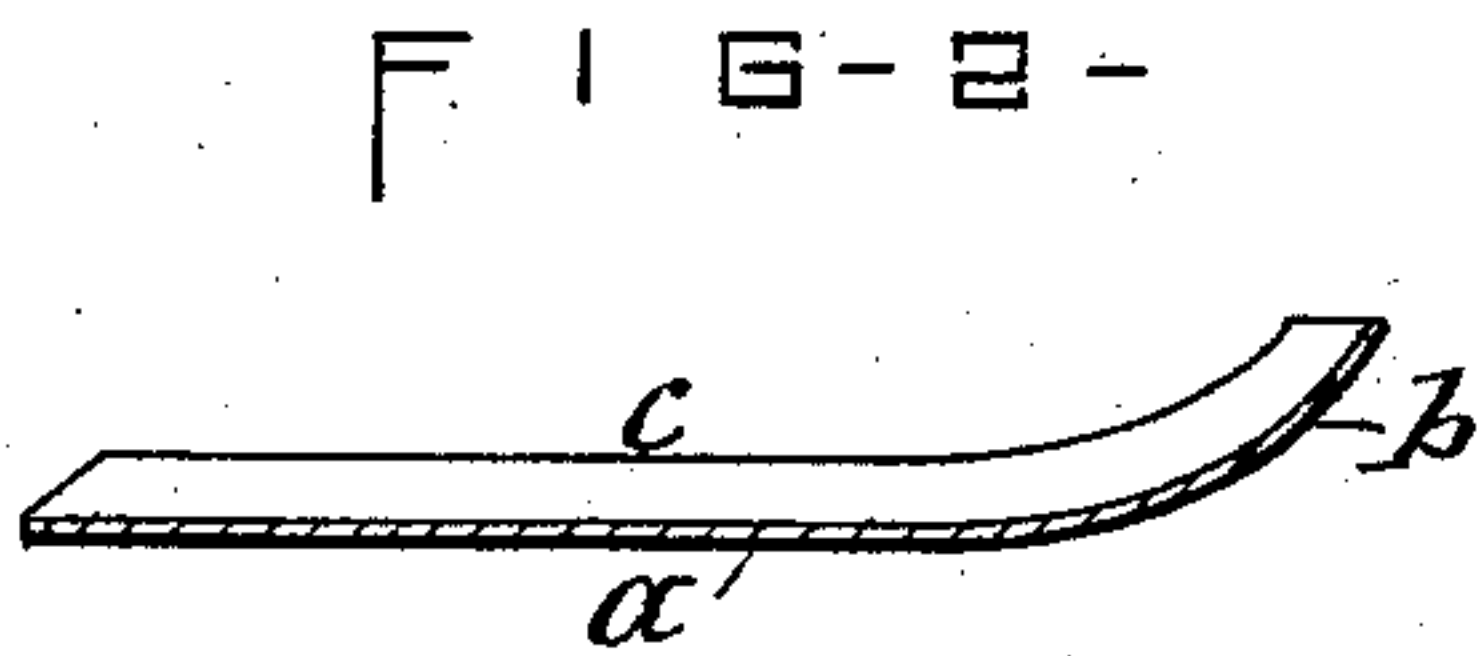
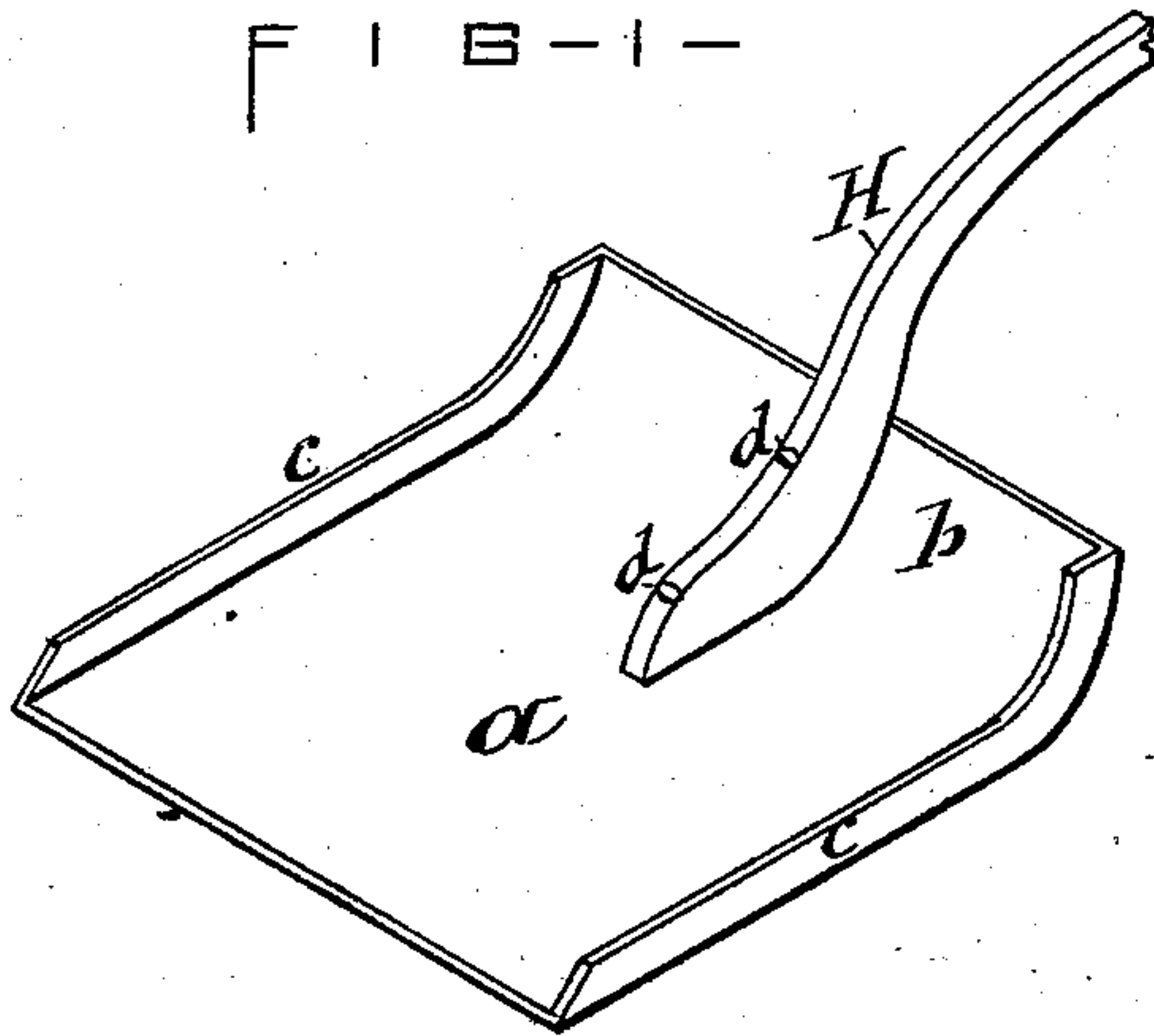


(No Model.)

C. AMES.
SNOW SHOVEL.

No. 255,406.

Patented Mar. 28, 1882.



WITNESSES —
C. H. Raymond
C. H. D. D. D.

INVENTOR —
Cheney Ames
per D. D. D. D. D.
his Attys.

UNITED STATES PATENT OFFICE.

CHENEY AMES, OF OSWEGO, NEW YORK.

SNOW-SHOVEL.

SPECIFICATION forming part of Letters Patent No. 255,406, dated March 28, 1882.

Application filed February 6, 1882. (No model.)

To all whom it may concern:

Be it known that I, CHENEY AMES, of Oswego, in the county of Oswego, in the State of New York, have invented new and useful Improvements in Snow-Shovels, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to the class of snow-shovels in which the blade is composed of metal.

The invention consists in a novel construction of the aforesaid blade, designed with the special view of economizing in the cost of its manufacture, and at the same time imparting to it superior durability and efficiency, all as hereinafter fully explained, and specifically set forth in the claim.

The invention is fully illustrated in the annexed drawings, wherein Figure 1 is a perspective view of my improved snow-shovel blade with the handle attached thereto. Fig. 2 is a longitudinal section of said blade, and Fig. 3 a transverse section of the same.

Similar letters of reference indicate corresponding parts.

a represents the body of the shovel-blade, consisting of a plain rectangular sheet of metal bent slightly upward at the rear end, as shown at *b*. The longitudinal edges of the said blade are turned upward at right angles to the plane of the blade to form vertical flanges *c c* about one inch in depth, said flanges extending only the length of the blade and terminating at their junction with the rear edge of the blade, their chief function being to stiffen the body *a*.

H designates the handle of the snow-shovel, said handle being of the ordinary form, with the exception of its lower or attaching end, which is fitted to the upper surface of the rear

end of the shovel-blade and secured thereto simply by rivets or bolts *d d* passing vertically through the handle and blade and clinched or upset at their extremities, thus dispensing with the extra expense of applying to the blade a socket, and then fitting and securing the handle in said socket.

I am aware that snow-shovel blades have been formed with an upwardly-turned rib or bead across the rear end thereof; but such construction materially and unnecessarily increases the cost of manufacture, the upward deflection *b* of the body of the blade being sufficient to brace the blade transversely, and by dispensing with said bead I save the extra time and labor required for forming the same. Hence I do not claim a shovel-blade with the aforesaid cross-bead. Neither do I claim an inwardly-turned rib or bead on the side edges of the blade, inasmuch as that form of projections on the blade tends to retain the snow thereon and impair the efficiency of the tool; but

I do claim specifically as my invention the following:

The improved snow-shovel blade, consisting of the rectangular blade *a*, formed with right-angled side flanges, *c c*, and devoid of cross beads or ribs at its rear end, substantially as described and shown.

In testimony whereof I have hereunto signed my name and affixed my seal, in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga, in the State of New York, this 2d day of February, 1882.

CHENEY AMES. [L. S.]

Witnesses:

C. H. DUELL,
WM. C. RAYMOND.