

(No Model.)

W. HASLUP.

SCRAPER.

No. 327,794.

Patented Oct. 6, 1885.

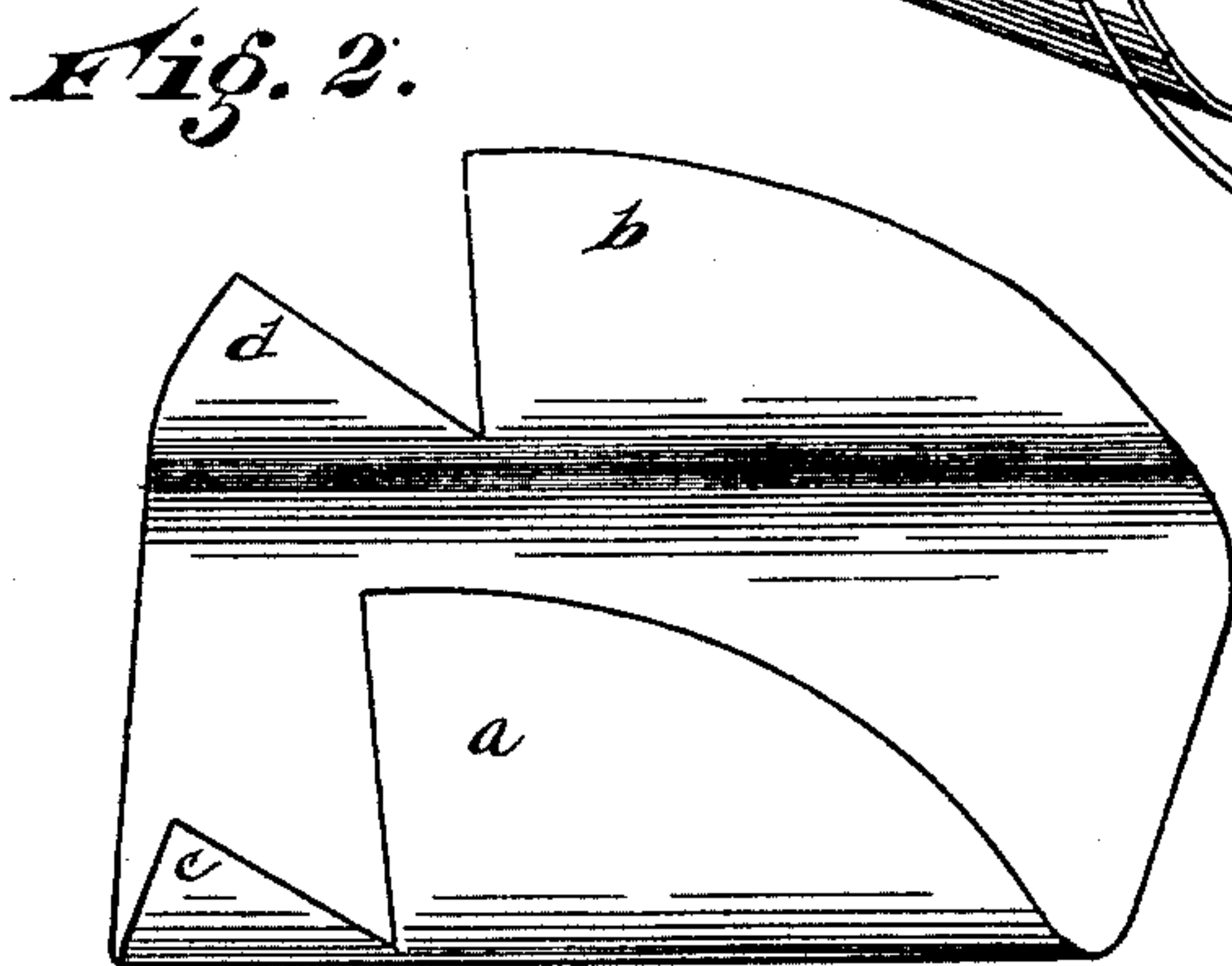
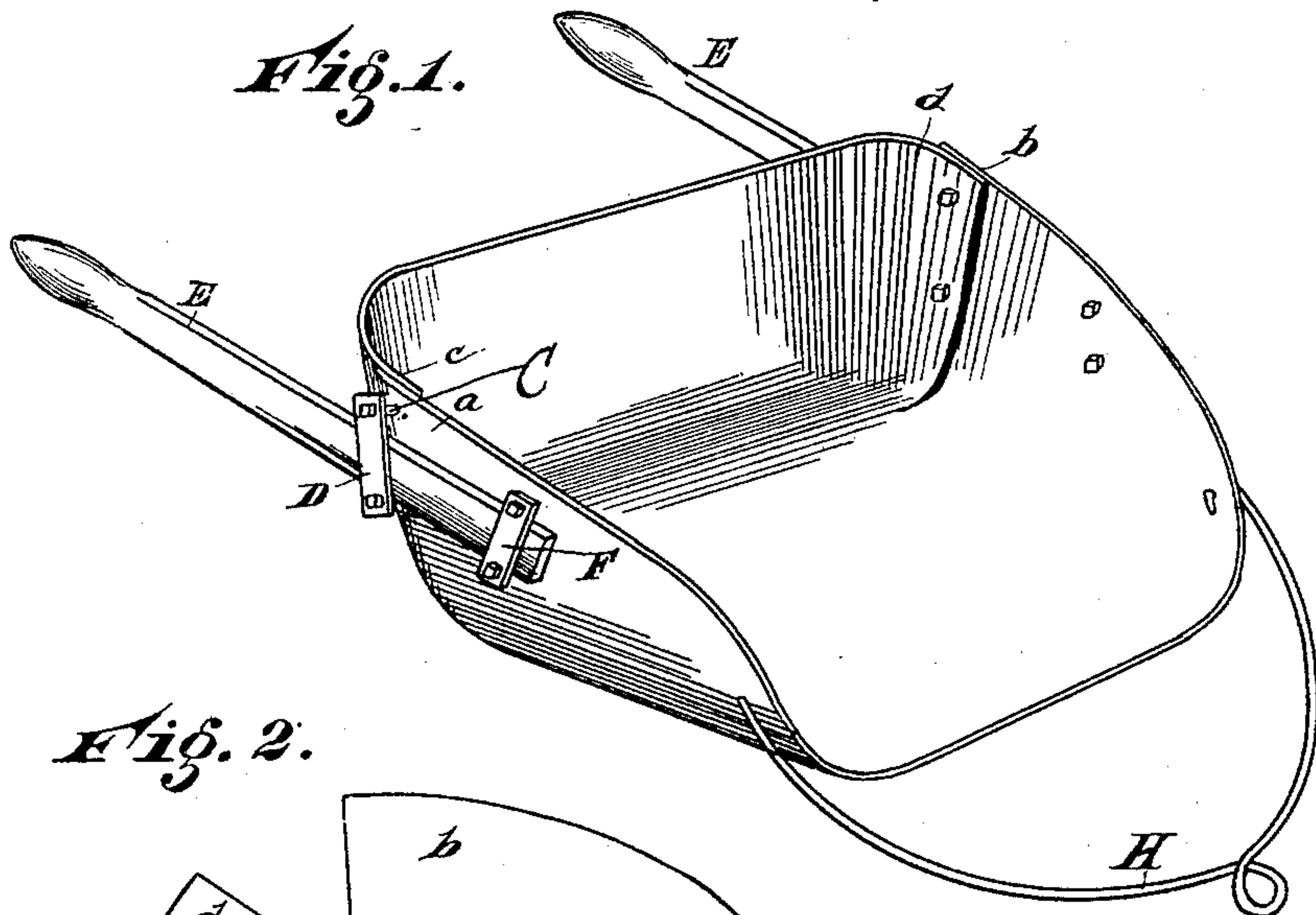


Fig. 3.

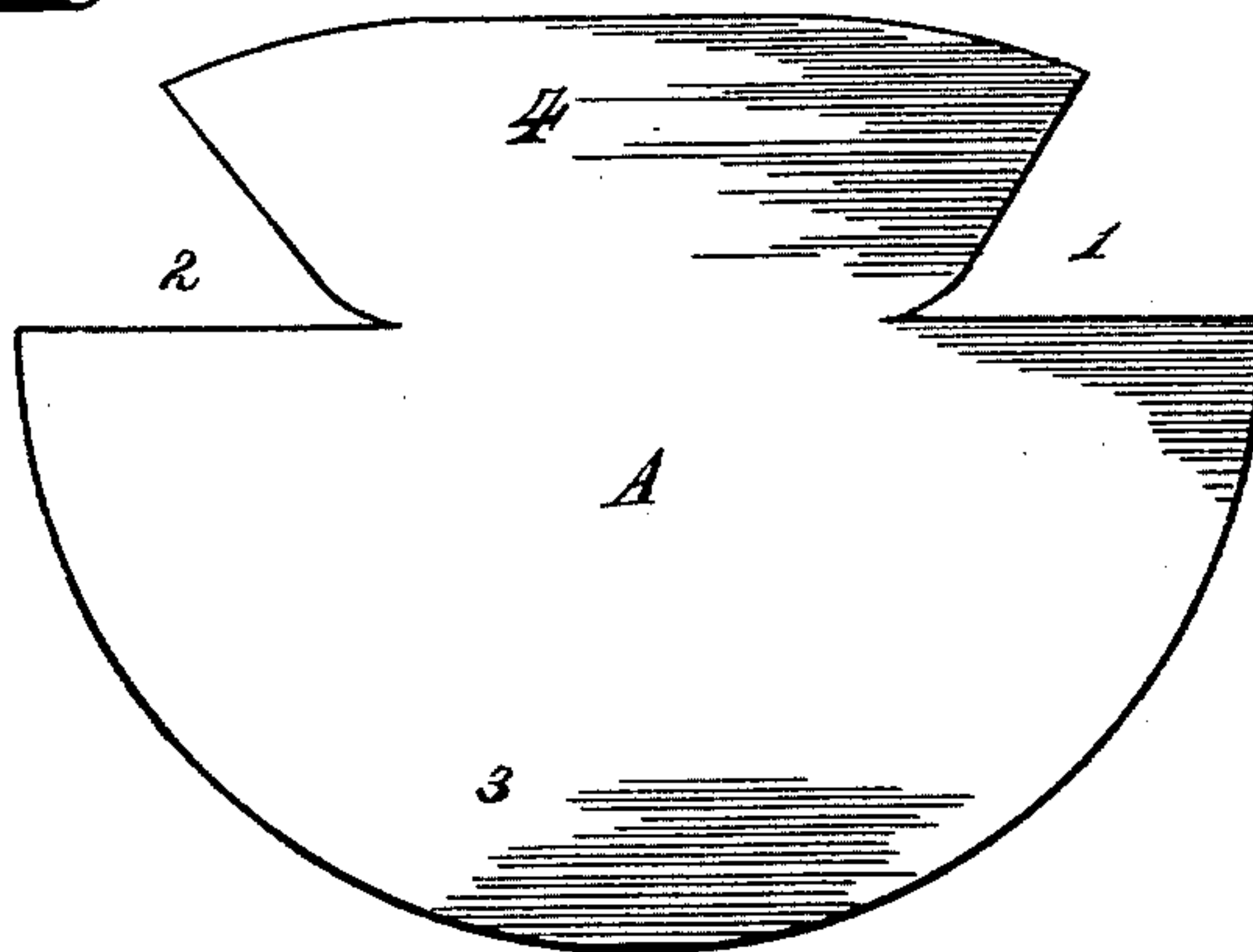
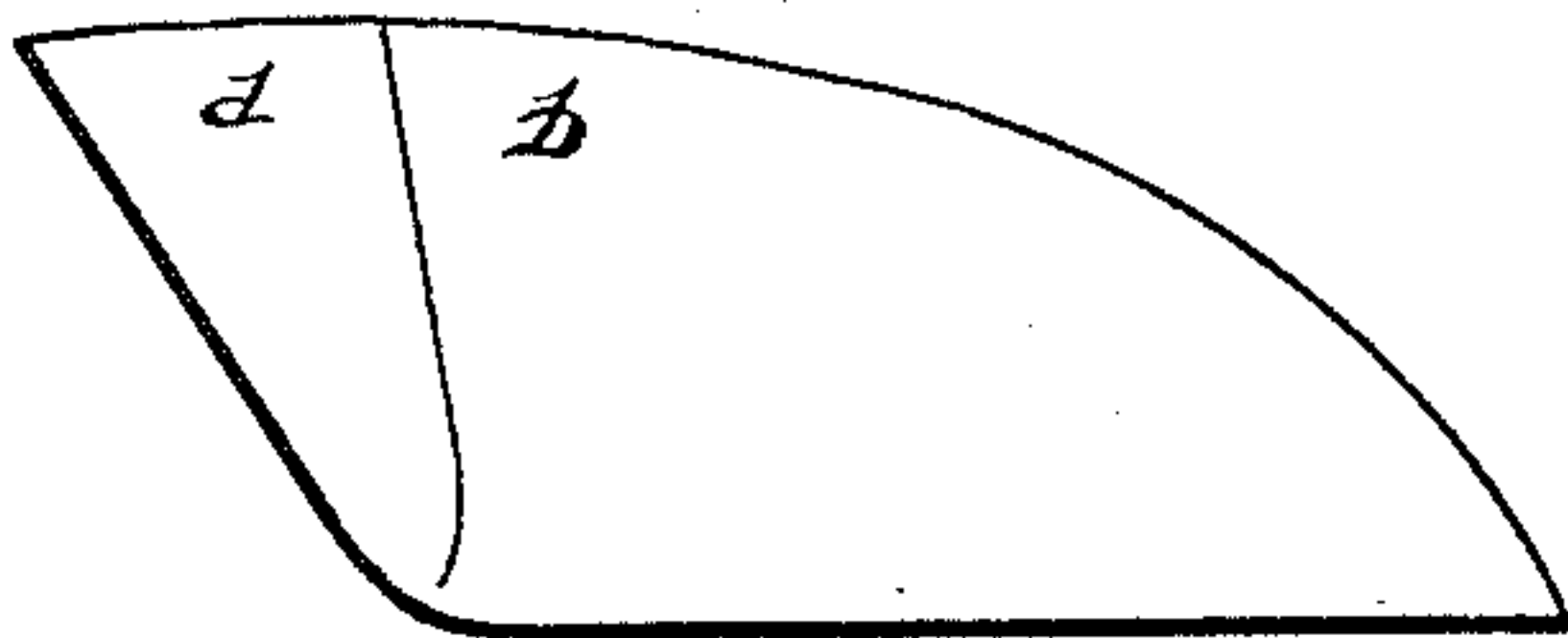


Fig. 4.



Attest

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UNITED STATES PATENT OFFICE.

WILLIAM HASLUP, OF SIDNEY, OHIO.

SCRAPER.

SPECIFICATION forming part of Letters Patent No. 327,794, dated October 6, 1885.

Application filed July 16, 1885. Serial No. 171,774. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM HASLUP, of Sidney, in the county of Shelby and State of Ohio, have invented certain new and useful
5 Improvements in Scrapers, of which the following is a specification.

My invention relates to a drag-scraper.

The object of my invention is, first, to obtain a scraper made of a single piece; second,
10 to obtain a scoop shape, avoiding corners or places for the dirt to stick; and, third, to obtain a scraper with an inclined back, and of concave or curved lines, formed of a single piece of metal, all of which will be fully set
15 forth in the description of the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective view of my improved scraper; Fig. 2, the blank sheet of metal with sides bent, and Fig. 3 a blank from
20 which the scraper is made; Fig. 4, a central vertical cross-section.

A, Fig. 3, represents a blank formed of a piece of metal by cutting away the surplus
25 stock at the points 1 2, forming a semicircular piece, 3, and an extension, 4.

Fig. 2 represents the second step of forming a scraper from a single piece of metal.

ab represent the sides of the scraper, formed
30 from the blank shown in Fig. 3.

c d represent lap sides, formed from the piece 4 by bending, as shown in Fig. 2.

The third step consists in bending up the back so as to have the sides *c d* lap against
35 the sides *ab*, as shown in Fig. 1. By riveting or bolting the sides *a b* to the laps *c d* the scraper is held in position. The lines formed in bending are of concave or curved form, and when the laps are riveted or bolted
40 together form a very stiff as well as a light and cheap scraper. By thus bending the sides and back, corners are avoided and the

scraper fills and empties easily. The form of notching the back and sides together is shown in Fig. 1.

C represents a W-shaped clamp-bolt, which is inserted through holes pierced in the laps
c a b d.

D represents a clamp-bar, which, with the clamp-bolt C, forms a socket or band for the handle E.

F represents a similar clamp for holding the inner end of the handle.

H represents the bail attached to the sides in the ordinary way.

It will be observed by reference to Fig. 2 that the sides *c c* are bent up in proper shape to have those corners form inside laps of the sides, and when the back is bent, as shown in Fig. 3, it makes round or curved corners, and forms an inclined back.

Having described my invention, what I desire to secure by Letters Patent is—

1. A scraper made from a single piece of metal formed with cuts 1 and 2, to form an extension, 4, said extension being bent upwardly to form an inclined back, and its ends turned inwardly to form curved corners inside of the scraper, substantially as described.

2. A scraper made from a single piece of metal cut to form an extension, 4, said extension being bent up to form an inclined back, and having its ends turned inwardly to form rounded corners, and lapped over the sides *b* and secured thereto by bolts C, having bars D connected to their other ends to form handle-clamps, substantially as described.

In testimony whereof I have hereunto set my hand.

WILLIAM HASLUP.

Witnesses:

G. W. BUCKLEY,
S. J. HATFIELD.