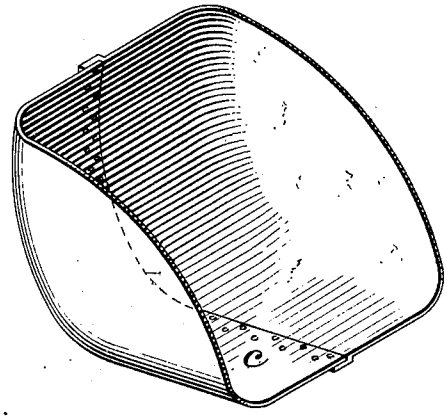
(No Model.)

H. W. BALL.

EARTH SCRAPER.

No. 245,046. Patented Aug. 2, 1881.

Fig. 1.



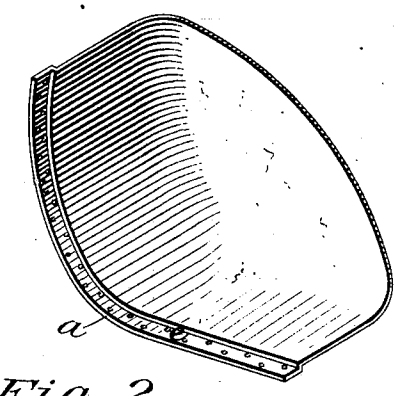


Fig. 2.

Witnesses:
Wm. F. Taylor
David P. Eckert

Inventor:
Hiram W. Ball

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UNITED STATES PATENT OFFICE.

HIRAM W. BALL, OF ALLIANCE, OHIO.

EARTH-SCRAPER.

SPECIFICATION forming part of Letters Patent No. 245,046, dated August 2, 1881.

Application filed March 18, 1881. (No model.)

To all whom it may concern:

Be it known that I, HIRAM W. BALL, a citizen of the United States, residing at Alliance, in the county of Stark and State of Ohio, have invented a new and useful Improvement in Earth-Scrapers, of which the following is a specification.

My invention relates to the formation of an earth-scraper out of two parts, so formed as to make a seam in the center of the improved scraper, which seam also forms a runner for the improved scraper, and at the same time gives strength to the same.

Figure 1 is a perspective view of the improved scraper. Fig. 2 is a sectional view, showing the depressed edge of the one half formed for receiving the straight edge of the other half.

In reference to the letters placed in the said drawings, the part *a* is formed with a depressed edge, as shown at *e*. The said edge thus formed has three offices, one of which is to form a depression or recess for receiving the straight edge of the part *c*. Another office is to form a runner under the said scraper in a manner less expensive than by making a separate piece and riveting it on the scraper. Another of the offices of said depression is, that in the formation of angles it gives strength to the scraper. *c* is the other half of said scraper, formed without any depression.

What I claim as my invention, and desire to secure by Letters Patent, is—

A scraper having two parts, *a* and *c*, formed of sheet metal, one of which has a depressed edge and the other a straight edge, the parts being brought together to form a seam through the middle of the improved scraper.

HIRAM W. BALL.

Witnesses:
O. B. HOOVER,
S. V. ESSECK.