

No. 828,220.

PATENTED AUG. 7, 1906.

F. C. LANCASTER.

FOOT SCRAPER.

APPLICATION FILED FEB. 23, 1906.

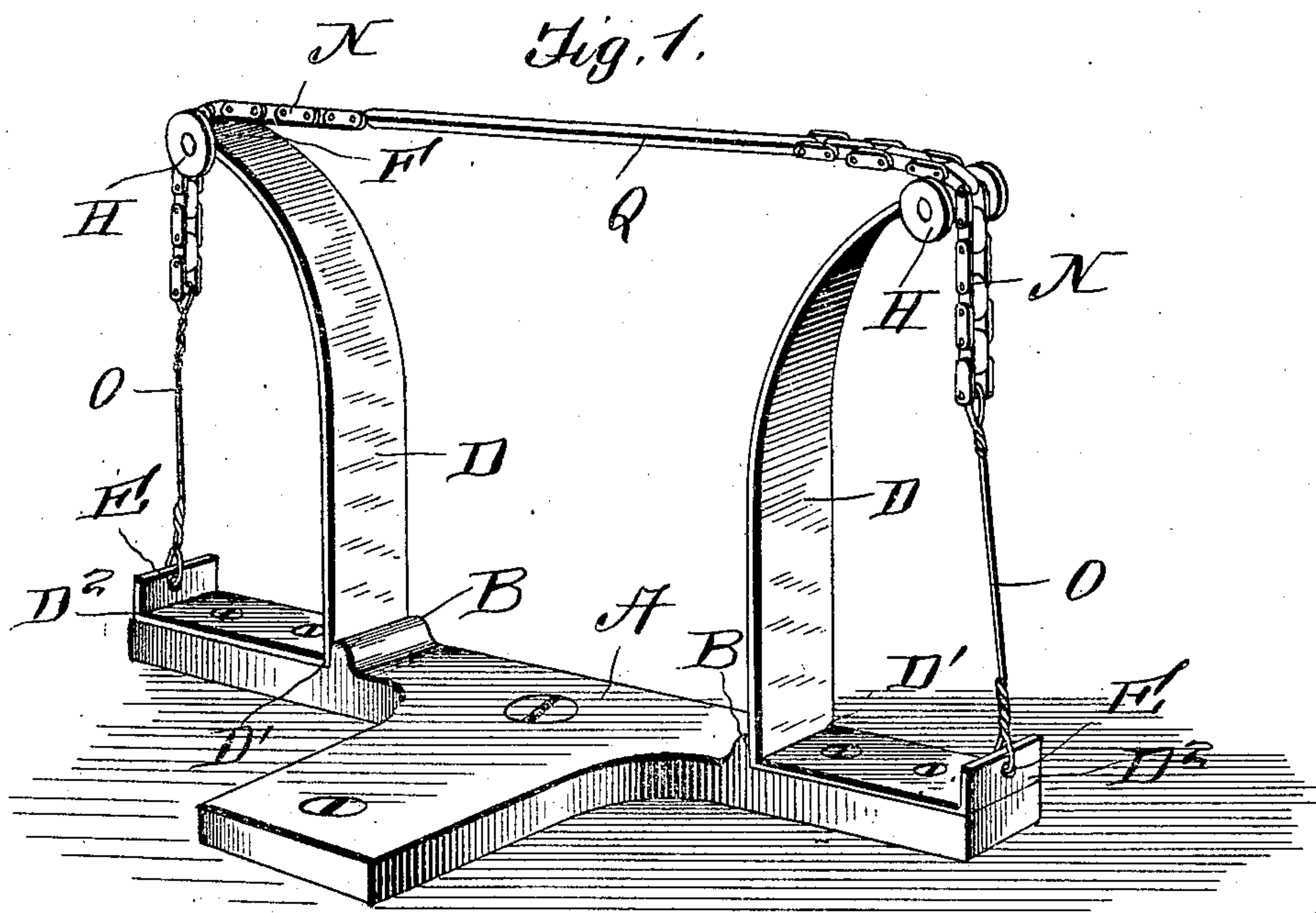
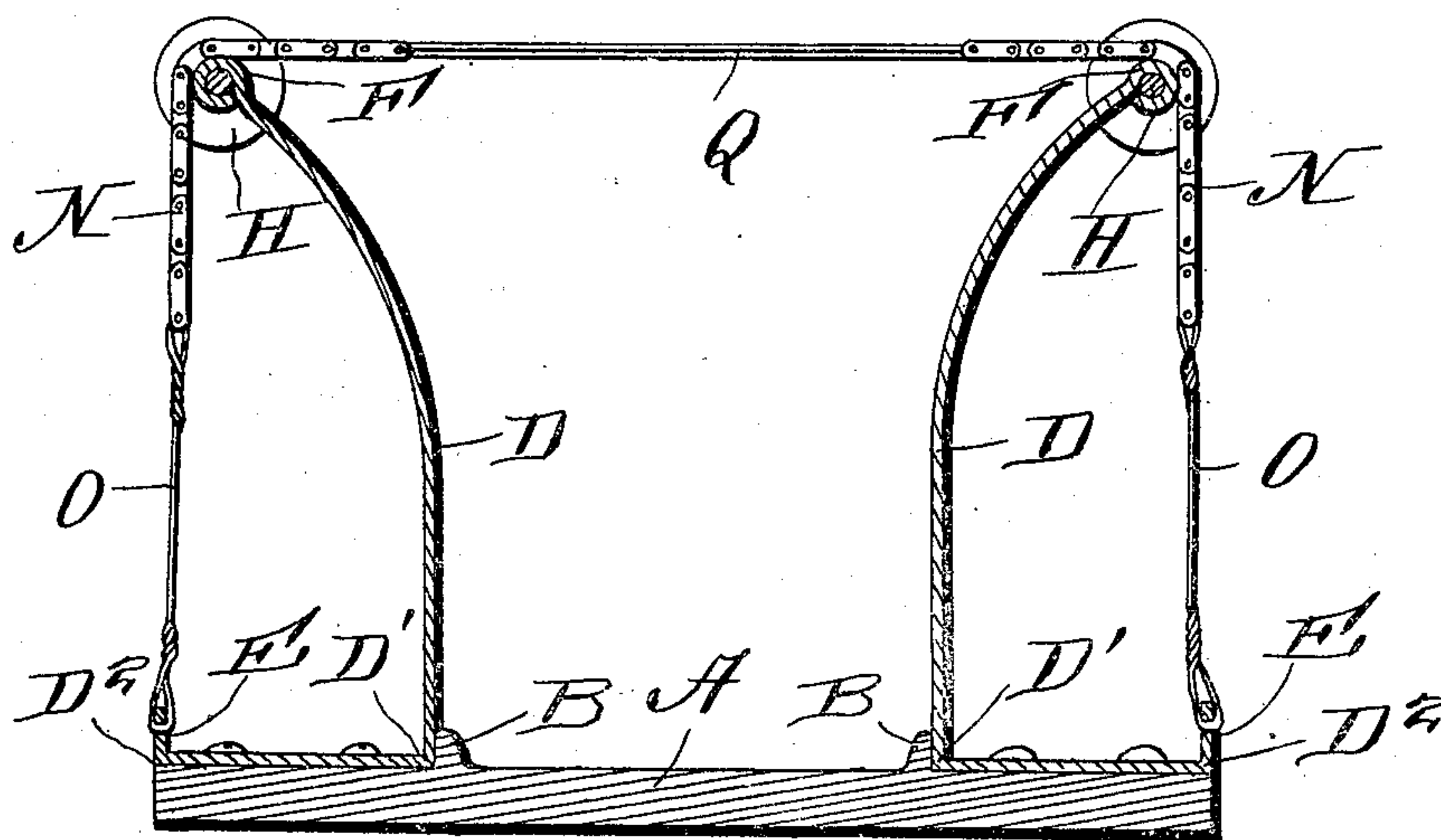


Fig. 2.



WITNESSES:

R. A. Brewell,
A. L. Hough

INVENTOR

F. C. Lancaster,
By *Franklin H. Hough*

Attorney

UNITED STATES PATENT OFFICE.

FENNIMORE COOPER LANCASTER, OF WACO, TEXAS.

FOOT-SCRAPER.

No. 828,220.

Specification of Letters Patent.

Patented Aug. 7, 1906.

Application filed February 23, 1906. Serial No. 302,573.

To all whom it may concern:

Be it known that I, FENNIMORE COOPER LANCASTER, a citizen of the United States, residing at Waco, in the county of McLennan and State of Texas, have invented certain new and useful Improvements in Foot-Scrapers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in foot-scrapers; and the object in view is to produce a simple and efficient device of this nature comprising, essentially, a base-plate, made, preferably, of metal and adapted to be fastened at any suitable location, and in the provision of resilient arms over which a chain secured to a scraper-wire passes.

My invention relates, further, to various details of construction and arrangements of parts, which will be hereinafter fully described and then specifically defined in the appended claims.

I illustrate my invention in the accompanying drawings, in which—

Figure 1 is a perspective view of my invention, and Fig. 2 is a sectional view longitudinally through the base and resilient arms.

Reference now being had to the details of the drawings by letter, A designates a metallic base-plate which may be of any suitable size or shape and adapted to be fastened to a step or to any other object. Projecting from the upper surface of said plate are lugs B. D designates resilient metallic arms having a shank portion which is bolted or otherwise secured to said base, and said arms are bent at angles at points D' and D², with their lower ends flush with the opposite ends of said plate and apertured, as at E. The upright portion of each of said resilient arms is preferably outwardly curved and is turned into a roll F, in which a reel H is mounted, the heads of which reel serve to retain the chains N in place over said roll.

O O designate wires which are fastened at their lower ends in the apertures in the lower outer ends of the strips D, and their upper ends are fastened to the chains N. An angled wire Q is fastened at its ends to the upper ends of said chains and is transversely disposed over the space intermediate the resilient arms.

From the foregoing it will be noted that by the provision of a foot-scraper as shown and described a simple and efficient means is afforded whereby a pressure upon the angled wire will cause the arms to yield slightly, and the angled edge of the wire will be caused to scrape against the sole of the shoe and remove any soil therefrom. When the pressure is relieved from the angled wire, the latter will return to its normal position, as will be readily understood.

What I claim is—

1. A foot-scraper comprising a base, resilient arms secured thereto, chains adapted to have a play over the ends of said arms, connections between said chains and the lower ends of said arms, and a wire connecting the inner ends of said chains, as set forth.

2. A foot-scraper comprising a base having lugs projecting from the upper surface thereof, resilient arms having lower angled ends fastened to said base, chains passing over the ends of said arms, connections between said chains and the angled ends of the arms, and a wire connecting the inner ends of the chains, as set forth.

3. A foot-scraper comprising a base-piece, resilient arms having lower angled ends fastened to said base, the upper ends of said arms being turned into rolls, disks at the ends of said rolls, chains passing about said rolls, connections between said chains and the lower angled ends of the arms, and an angled wire connecting the inner ends of said chains, as set forth.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

FENNIMORE COOPER LANCASTER.

Witnesses:

N. B. WILLIAMS,
LUD T. WILLIAMS.