

B. SELPH.
SCRAPER.

No. 177,573.

Patented May 16, 1876.

Fig 1

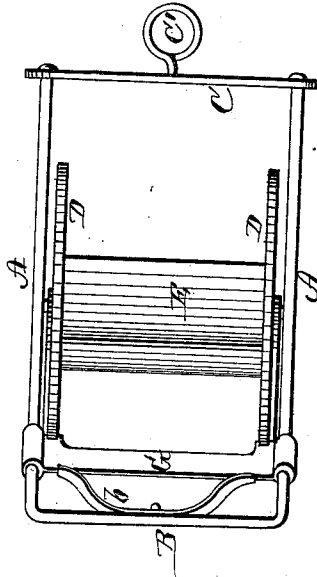
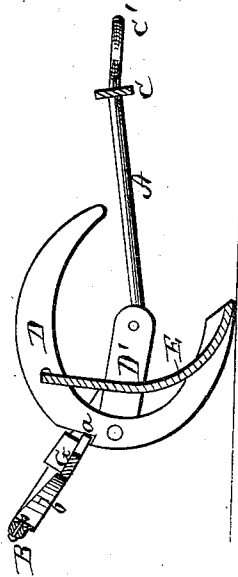


Fig 2



WITNESSES

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BENAMMI SELPH, OF LYNCHBURG, OHIO.

IMPROVEMENT IN SCRAPERS.

Specification forming part of Letters Patent No. **177,573**, dated May 16, 1876; application filed March 27, 1876.

To all whom it may concern:

Be it known that I, BENAMMI SELPH, of Lynchburg, in the county of Highland and State of Ohio, have invented certain new and useful Improvements in Rotary Scrapers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

The nature of my invention consists in the construction and arrangement of a road-scraper, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a plan view, and Fig. 2 a side elevation, of my invention.

The frame of my road-scraper consists of a metal bar, bent to form two curved parallel side arms, A A, connected at their rear ends by a cross-bar, B, all in one piece. The front ends of the arms A A are connected by a bar, C, fastened thereto, and provided with a central eye, C', or other device, for attaching the team. D D represent two nearly-circular irons, between which the scraper E is fastened. These irons are provided with radial arms D', pivoted to the arms A of the frame, as shown. In the back edge of each iron D, at or near the center, is made a notch, a, into which takes a bar, G, sliding upon the rear portions

of the arms A, and pressed forward by a spring, b, as shown. The spring-bar G, taking into the notches a, holds the scraper in proper position for work, and when the scraper is full, by drawing back the spring-bar from the notches, the scraper delivers its load, and by the driver relinquishing his hold on the spring-bar it immediately returns to its place in the notches a. The spring-bar and circular irons will engage with each other at the notches a, and nowhere else, so that the work of the scraper can go on continuously by simply drawing the spring-bar and leaving it to return to the notches by its own action.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination, in a road-scraper, of the rectangular frame A B C, circular irons D D, having notches a a in their rear edges, the arms D', rigidly connected to the center of the irons D, the scraper-plate E, secured between the irons, and the sliding bar G, having thimbles which surround the bars A, and the flat spring b, all constructed substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

BENAMMI SELPH.

Witnesses:

his
SAMPSON X LARRICK,
mark.
HOUSTON ROBB.