E. HUBER.

Road-Scraper.

No. 167,668. Patented Sept. 14, 1875.

Fig: 1.

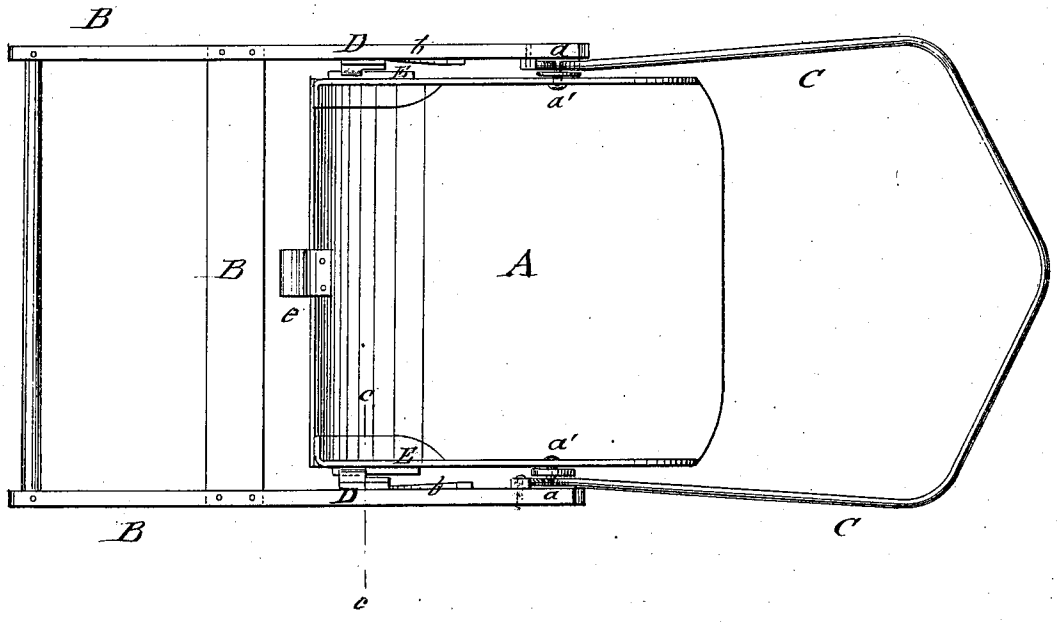


Fig: 2.

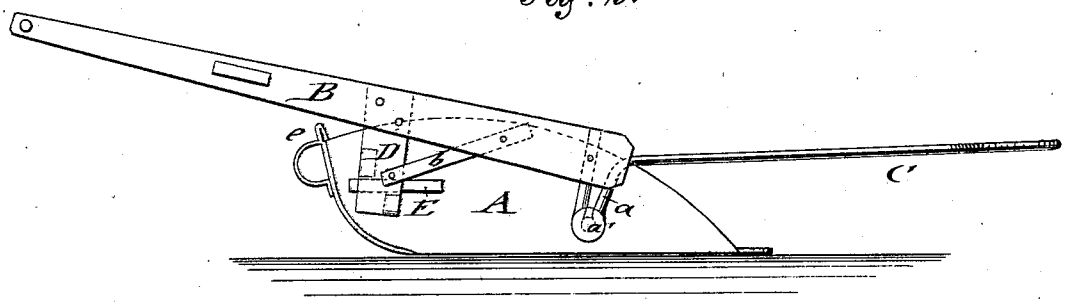


Fig: 3.

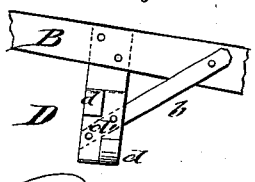
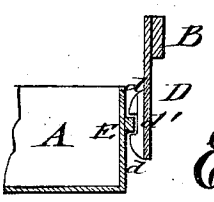


Fig: 4.



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EDWARD HUBER, OF MARION, OHIO.

IMPROVEMENT IN ROAD-SCRAPERS.

Specification forming part of Letters Patent No. **167,668**, dated September 14, 1875; application filed July 31, 1875.

To all whom it may concern:

Be it known that I, EDWARD HUBER, of Marion, in the county of Marion and State of Ohio, have invented a new and Improved Road-Scraper, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a top view, and Fig. 2 a side view, of my improved road-scraper, and Figs. 3 and 4, respectively, a detail view and a vertical section on the line *c c*, Fig. 1, of the locking spring-catches.

Similar letters of reference indicate corresponding parts.

The invention is an improvement in the class of scrapers the handles of which are unlocked from the body thereof by the action of the bail or draft-rod when the handles are raised to a vertical, or nearly vertical, position.

The improvement relates to the construction and arrangement of parts, as hereinafter described, whereby the elevation of the handles causes their spring-catches to slide off the horizontal lugs affixed to the sides of the body of the scraper, thus allowing the latter to revolve and discharge its contents.

In the drawing, A represents a scraper of the usual construction, to which the bail C is attached by being bent at the ends into loop shape, the loops *a* to fit over side lugs or pins *a'* of the scraper. The handle-frame B is pivoted to the ends of the loop ends of the bail. Handle-frame B is provided at each side with a strong spring-catch, D, that is stiffened by a side stay, *b*, and provided with projecting lugs *d*, that catch by their intermediate groove *d'* over side ribs E of scraper A.

The spring-catches hold the scraper in position for work until the same is loaded, when the handles are slightly raised, which causes, by the draft on the bail, the handles to move back and release the spring-catches from the ribs. The scraper is thereby free to make instantly its semi-rotation for discharging the load.

This operation is made practicable by means of the lugs *d* being attached to or formed on the catches D in a relatively diagonal position. Hence, while the backward-sliding movement of the handles B carries each of the upper lugs *d* beyond or out of contact with the contiguous rib E, the under lug remains in contact with said rib and supports the loaded scraper, while the rear end is being elevated to cause it to revolve.

The spurs *e* at the back of the scraper catch in the ground and complete the revolution, so that the spring-catches will lock again on the ribs of the scraper, making the same ready for continuing the work.

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

In combination with the body A of the scraper, having the horizontal side ribs E, the spring-catches D, having the lugs *d d* arranged as specified, and the bail C, having looped end, and handles B B attached thereto above the pivots *a'*, all as shown and described, to operate as specified.

EDWARD HUBER.

Witnesses:
F. M. SCRIBNER,
M. B. CHASE.