J. T. CURRIER.

ROAD-SCRAPER.

No. 192,417. Patented June 26, 1877.

Fig. 1.

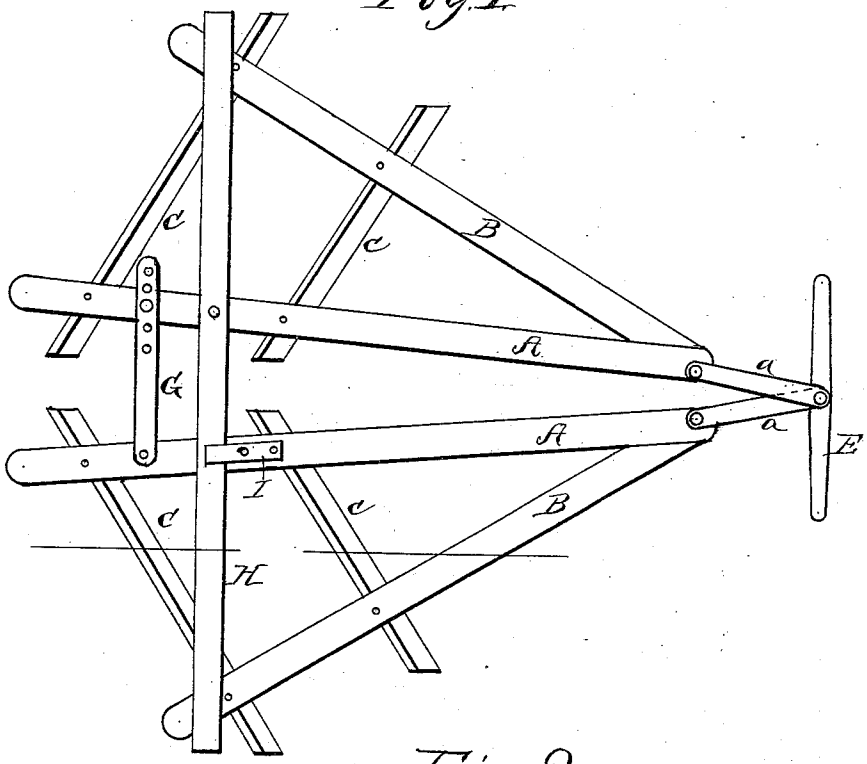
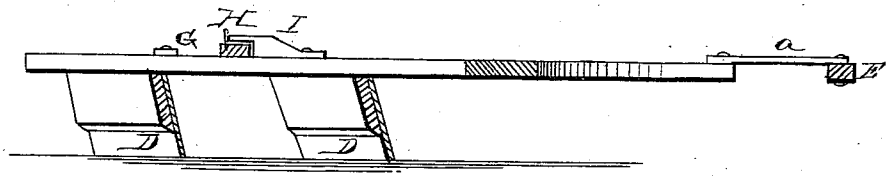


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

JONATHAN T. CURRIER, OF NEPONSET, ILLINOIS.

IMPROVEMENT IN ROAD-SCRAPERS.

Specification forming part of Letters Patent No. **192,417**, dated June 26, 1877; application filed May 25, 1877.

To all whom it may concern:

Be it known that I, JONATHAN T. CURRIER, of Neponset, in the county of Bureau and State of Illinois, have invented certain new and useful Improvements in Road-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 forms part of this specification.

The nature of my invention consists in the construction and arrangement of a road scraper and leveler, 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 is a longitudinal section, of my road-scraper.

My road-scraper is made in two parts, each part consisting of two beams, A and B, united at their front ends and diverging toward the rear, and connected together by two inclined bars, C C, attached to their under sides. These bars are not only set inclined, but also set angling, so that their lower edges will be in advance of the upper edges. To the front of these bars are secured the scraping-knives D D, as shown. The front ends of the two parts of the scraper are, by bars or chains *a a*, connected with the double-tree E, and their rear ends are held at any desired distance apart by means of an adjustable perforated bar, G, as shown. H represents a lever, fastened on top of one of the sections, and passing under a hook-shaped piece, I, on the other section, for the purpose of holding the center of the scraper up.

By changing the point of connection of the beams A B of each section the cut of the knives may be changed or sharpened, as desired.

This machine may be used for scraping, grading, and leveling roads by simply adjusting the various parts in accordance with the work to be done.

To remove stone or other obstructions from the track of the road the position of the sections is simply reversed.

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

1. In a road-scraper composed of two sections, the V-shaped sections composed of the beams A B, the inclined and angling bars C C, and the knives D D, the parts being adjustably connected, substantially as and for the purposes herein set forth.

2. The combination of the V-shaped scraper-sections A B C D, chains or bars *a*, double-tree E, perforated adjusting-bar G, lever H, and hook-shaped piece I, 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.

J. T. CURRIER.

Witnesses:

FRED. I. WELLS,

GEORGE BOGART.