

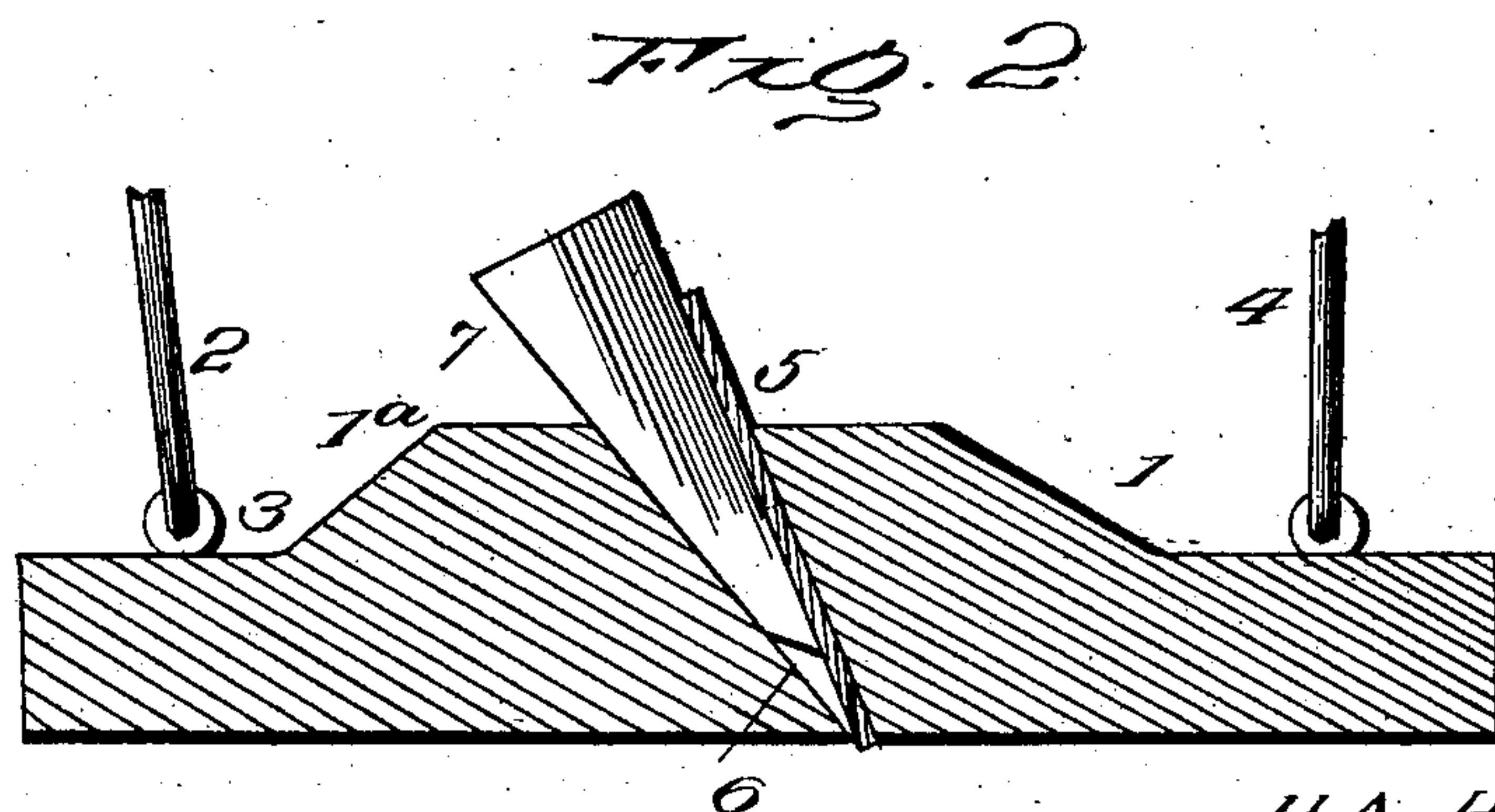
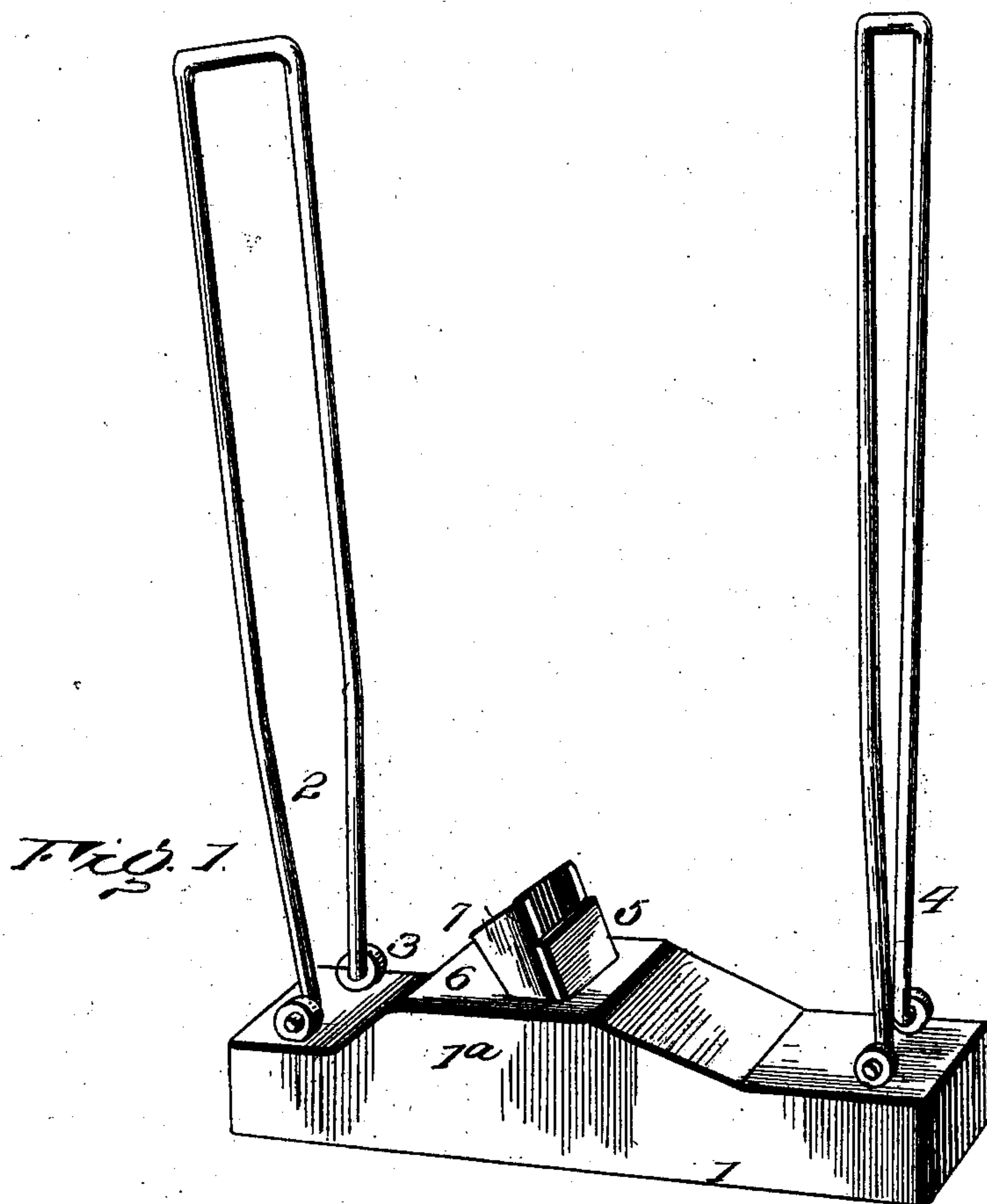
No. 763,056.

PATENTED JUNE 21, 1904.

H. A. HILL.
SURFACING DEVICE.

APPLICATION FILED SEPT. 12, 1903.

NO MODEL.



Inventor

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Witnesses

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UNITED STATES PATENT OFFICE.

HIRAM A. HILL, OF LA CROSSE, WISCONSIN.

SURFACING DEVICE.

SPECIFICATION forming part of Letters Patent No. 763,056, dated June 21, 1904.

Application filed September 12, 1903. Serial No. 172,983. (No model.)

To all whom it may concern:

Be it known that I, HIRAM A. HILL, a citizen of the United States, residing at La Crosse, in the county of La Crosse and State of Wisconsin, have invented certain new and useful Improvements in Surfacing Devices, of which the following is a specification.

This invention may be styled a tool more especially adapted for surfacing floors or the like, being designed in its particular adaptation for use in smoothing the surface boards of bowling-alleys.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and drawings hereto attached.

While the essential and characteristic features of the invention are susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the tool. Fig. 2 is a sectional view through the tool, the handle elements being broken away.

Corresponding and like parts are referred to in the following description and indicated in both views of the drawings by the same reference characters.

The device embodied in the invention consists of a weight-stock 1, which is preferably made of metal, so as to increase the weight of the tool to the greatest extent consistent with a ready manipulation thereof. The stock is provided with a draft-handle 2, by which it is adapted to be drawn manually along the surface upon which the tool is being operated. The draft-handle 2 is preferably a U-shaped bar pivotally secured to bearings 3, disposed adjacent one end of the stock. Upon the opposite end of the stock is pivotally secured a second handle element 4, which is designed to be utilized in guiding the tool as it is being drawn by the draft-handle 2. The stock is

provided with a scraper 5, which is held within the bed 6 of the stock by means of wedges 7, which are disposed in rear of the said scraper 5. The scraper is adapted to be inverted and reversed, so as to permit of use of four different cutting edges provided upon the scraper. The stock is enlarged at the central portion, (designated 1^a,) so as to bring a maximum amount of weight to bear upon the scraper 5; which is centrally disposed upon the stock, this being important to the proper operation of the device, since the weight of the stock alone is used to render scraping or surfacing by the scraper effective, no manual pressure being exerted upon the stock in the operation. The guide-handle 4 is mounted in bearings 3, similar to the bearings which receive the ends of the handle 2, and this handle 4 in the operation of the device is usually inclined, so as to be disposed proximate the floor to facilitate the purpose for which it is provided.

The character of the work to be performed will determine the relative weight of the stock used in a manner which will be readily comprehended. The device employed is exceedingly simple in construction, embodying a minimum number of parts, and is readily operable by the average laborer.

Having thus described the invention, what is claimed as new is—

In a surfacing device of the class described, the combination with a weight-stock having its central portion enlarged and provided with an opening therethrough, a scraper disposed in the aforesaid opening, and draft and guide handles pivotally secured to the end portions of the stock in front and rear, respectively, of the scraper device aforesaid.

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

H. A. HILL. [L. s.]

Witnesses:

C. A. HUNT,
W. L. KEATING.