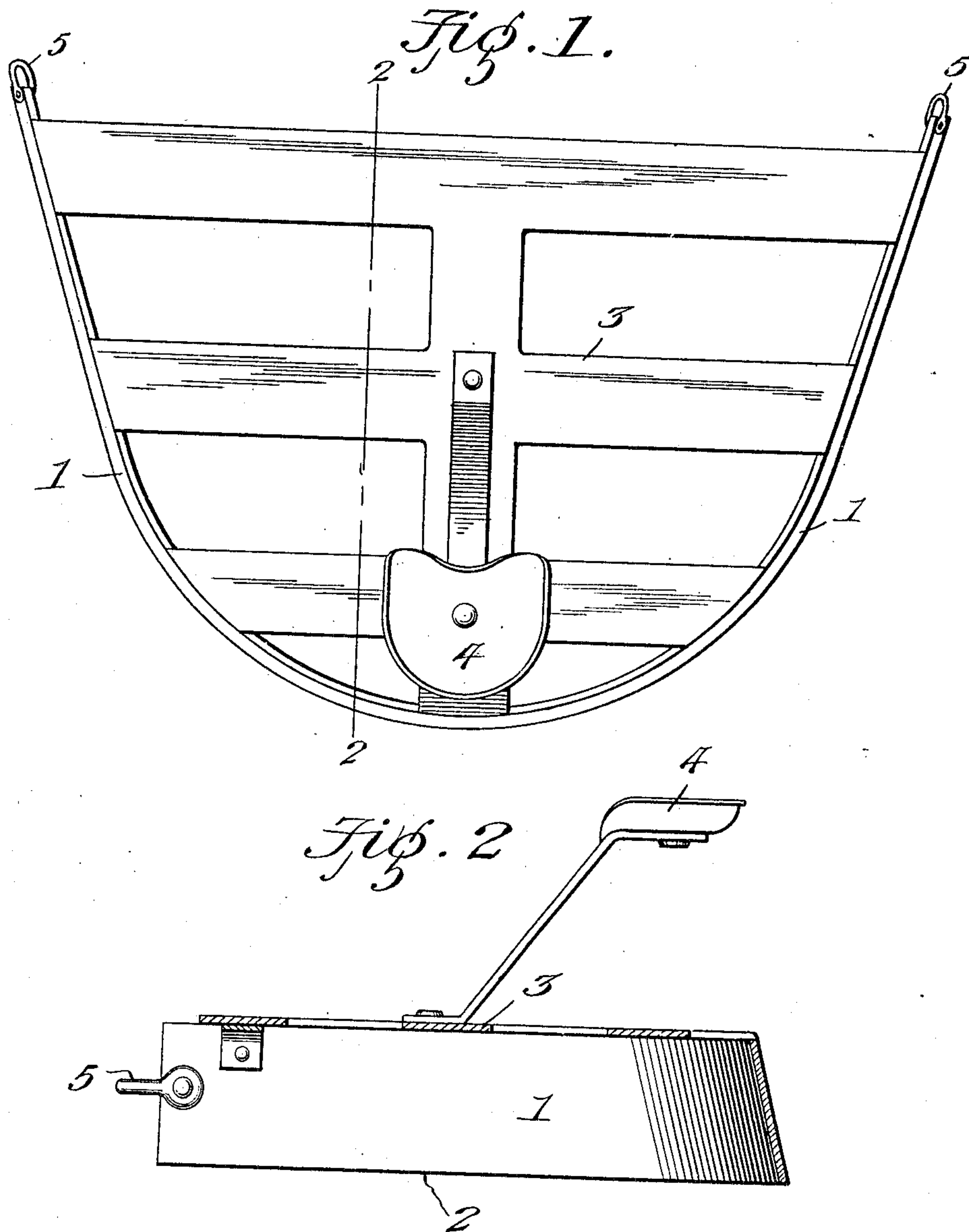


No. 871,639.

PATENTED NOV. 19, 1907.

E. P. SCHOLL.
ROAD SCRAPER.
APPLICATION FILED FEB. 19, 1907.



Inventor

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Witnesses

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EDWARD P. SCHOLL, OF MOUNT STERLING, ILLINOIS.

ROAD-SCRAPER.

No. 871,639.

Specification of Letters Patent.

Patented Nov. 19, 1907.

Application filed February 19, 1907. Serial No. 358,333.

To all whom it may concern:

Be it known that I, EDWARD P. SCHOLL, a citizen of the United States of America, residing at Mount Sterling, in the county of Brown and State of Illinois, have invented new and useful Improvements in Road-Scrapers, of which the following is a specification.

This invention relates to improvements in road scrapers of that type which are usually drawn by animals but may be embodied in motor-propelled scrapers, the main object of the invention being to provide a scraper in which the scraping blade is constructed and arranged in a peculiar manner to prevent the mud and dirt from rolling and remaining in contact with the same and permit the scraper to pass freely over the surface of the ground and reduce the same to a smooth finish.

A scraper constructed in accordance with my invention is shown in the accompanying drawing, in which,—

Figure 1 is a top plan view of the invention. Fig. 2 is a longitudinal section thereof taken on the line 2—2 of Fig. 1.

The body or frame of the scraper may be of bow-form, as shown, or semi-circular form, triangular form or of any other desired shape or contour suitable for the purpose and comprises a scraping blade 1 set edgewise in a vertical plane with its lower edge 2 arranged to bear against the surface of the ground to form the scraping portion. A platform 3 is suitably mounted upon the upper portion of the blade and may be secured thereto in any preferred manner. This platform is preferably of the open or skeleton type in order to secure the desired lightness of weight and supports the driver's seat 4. Clevises or

other suitable connections 5 are provided at the forward ends of the scraping blade for attachment of the draft animals.

In operation, the device is drawn forward over the road or surface to be scraped in the usual manner, the edge 2 operating to remove all inequalities of surface and to smooth the ground to a level finish. One of the objections to the class of scrapers now in use resides in the tendency of the earth or mud to pack or roll in front of the scraping blade, thus preventing the blade from passing over the same and properly smoothing down the earth. In my improved construction this objection is avoided by giving the blade 1 an outward and downward or rearward inclination, forming in effect an inclined plane, serving to throw the earth downwardly and outwardly or rearwardly. By this means the scraped earth and mud which tend to roll up upon the inner side of the scraper will be caused by the forward movement of the scraper to run down the inclined face thereof, thus permitting the blade to pass over the same and simultaneously smooth the surface to a level finish.

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

An ingathering scraper comprising a bowed scraping blade having a lower scraping edge, said blade being downwardly and outwardly inclined from its upper to its scraping edge.

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

EDWARD P. SCHOLL.

Witnesses:

N. C. HILL,
JESSE HILL.