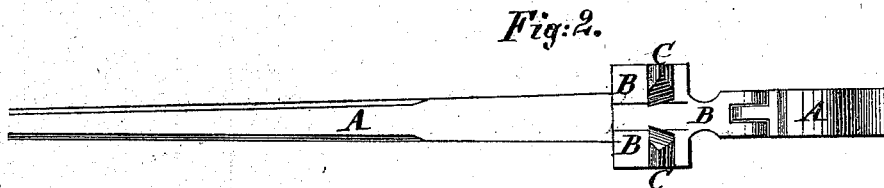
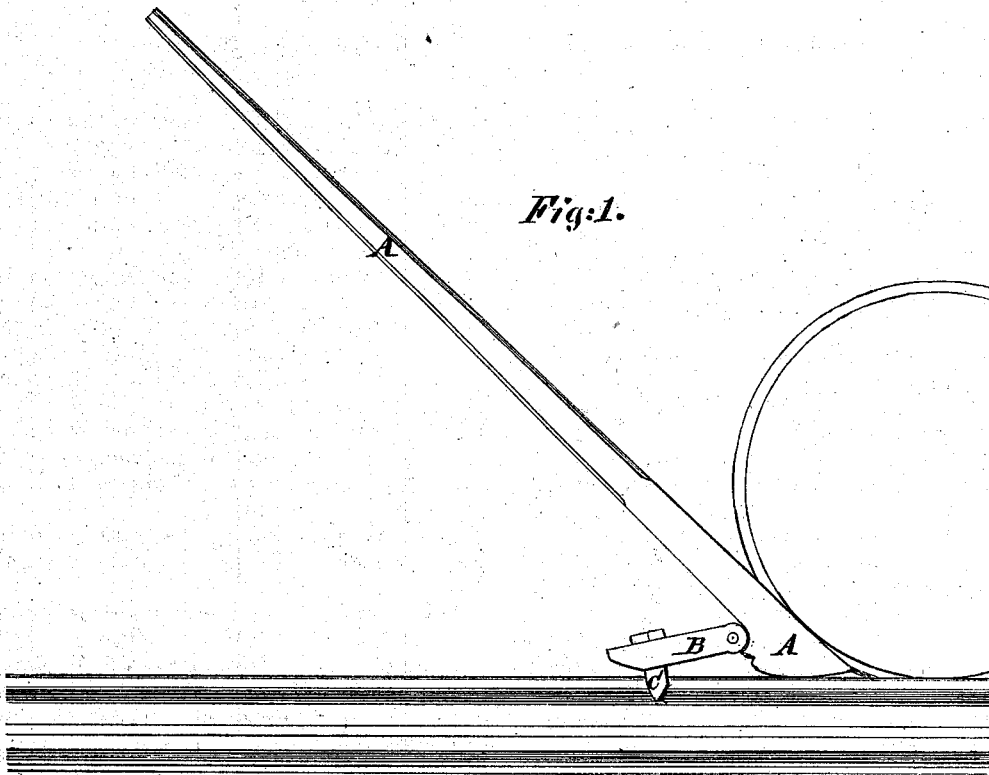


ABRAM REESE.

Improvement in Pinch-Bars.

No. 115,358.

Patented May 30, 1871.



Witnesses:

M. Vorländer
Wm. H. C. Smith

Inventor:

A. Reese

PER *Mmm So*
Attorneys.

UNITED STATES PATENT OFFICE.

ABRAM REESE, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR TO HIMSELF,
ROBERT W. LYON, AND GEORGE H. McNARY.

IMPROVEMENT IN PINCH-BARS.

Specification forming part of Letters Patent No. 115,358, dated May 30, 1871.

To all whom it may concern:

Be it known that I, ABRAM REESE, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Pinch-Bar; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a side view of my improved pinch-bar, illustrating its operation. Fig. 2 is a detail under-side view of the same.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved pinch-bar for starting or moving cars, which shall be simple in construction, effective in operation, and convenient in use, being free from the objections made against the bars or starters now in use; and it consists in the construction and combination of the various parts of the bar, as hereinafter more fully described.

A represents the bar or lever, the lower side of the forward end of which is enlarged and rounded off to serve as a fulcrum in using the bar. To the under side of the forward end of the bar A, just at the rear of the enlargement, is

formed a lug, to which is pivoted an arm or bar, B, the rear end of which is widened, and has claws or cutters C attached to it at such a distance apart as to receive the head of the rail between them. The cutters C are made pointed so as to pass into any cinders, sand, or gravel that may be at the sides of the rail, or to take hold of a plank should any plank be placed at the outer side of the rail. The sides of the cutters or claws C that are next the head of the rail are made inclined and with sharp edges so as to take hold of the sides of the head of the rail and prevent the tool from slipping while being used. Constructed in this way the tool may be used whatever may be the position of the cars.

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

The combination of the bar or lever A, pivoted or hinged bar B, and pointed cutters C with each other, said parts A B C being constructed and operating substantially as herein shown and described, and for the purpose set forth.

ABRAM REESE.

Witnesses:

ROBERT S. SILL,
F. R. SILL.