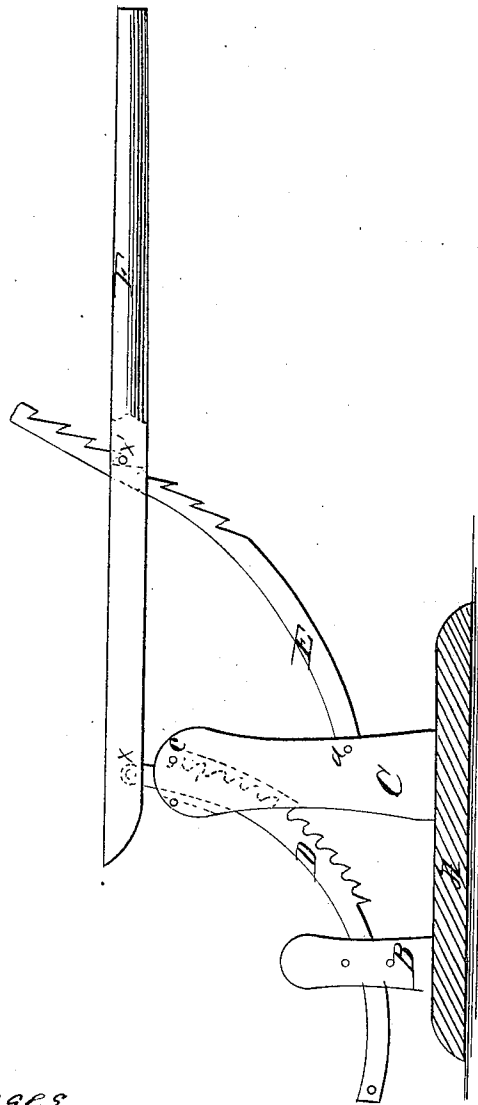


S. Shoemaker,

Lifting Jack.

N^o 33,608.

Patented Oct. 29, 1861.



Witnesses

C. M. Alexander
M. M. Dow

Inventor

S. Shoemaker

UNITED STATES PATENT OFFICE.

SAMUEL SHOEMAKER, OF SMITHVILLE, OHIO.

IMPROVEMENT IN LIFTING-JACKS.

Specification forming part of Letters Patent No. 33,608, dated October 29, 1861.

To all whom it may concern:

Be it known that I, SAMUEL SHOEMAKER, of Smithville, Wayne county, and State of Ohio, have invented certain new and useful Improvements in Lifting-Jacks; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

In the annexed drawing, making part of this specification, A represents a stand or frame piece, upon which two standards B and C are erected.

D and E are two curved rack-bars, one of which D passes through slots in the standards, with its upper end confined to the lever F. The other is pivoted at its lower end to the standard C, while its upper end plays in a slot in the lever F. In the standard C is a pin c, upon which the teeth of bar D catch when it

is desirable to station it at any point. X' is a pin in the lever, upon which the teeth of the bar E catch when it is to be stationed at any desired point. It will be seen that by means of these two curved rack-bars the lever may be raised and lowered and stationed at any desired point to suit the height of different vehicles with great ease and celerity.

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

The curved rack-bars D E, the lever F, and the standards B C, when the same are arranged and constructed as and for the purpose specified.

SAMUEL SHOEMAKER.

Witnesses:

C. M. ALEXANDER,
I. SAWYER.