

IZAAK VAN KERSEN.

Improvement in Wagon Jack.

No. 124,704.

Patented March 19, 1872

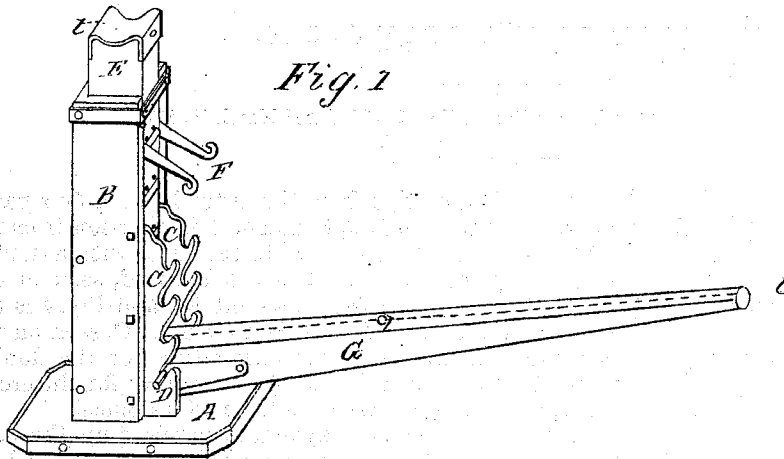


Fig. 4

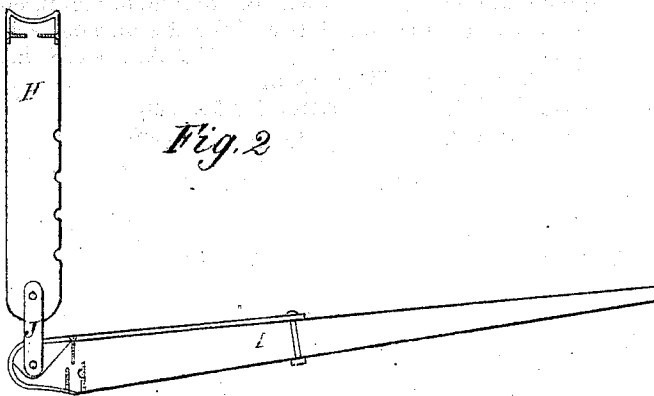
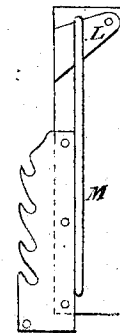
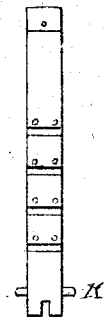


Fig. 3



Witnesses

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IZAAK VAN KERSEN, OF KALAMAZOO, MICHIGAN.

IMPROVEMENT IN WAGON-JACKS.

Specification forming part of Letters Patent No. 124,704, dated March 19, 1872.

SPECIFICATION.

I, IZAAC VAN KERSEN, of Kalamazoo, in the county of Kalamazoo and State of Michigan, have invented certain Improvements in Wagon-Jacks, of which the following is a specification:

The first part of my invention relates to the combination of the lifter and the lever with a double joint. The second part of my invention relates to a groove in both the side boards, wherein is running the cross-bolt to keep the lifter to its place. The third part of my invention relates to a double pawl-hook with double handles, to keep the lifter in the pawl-bits.

Figure 1 is a perspective view of the wagon-jack. Fig. 2 is a section of the lifter, the double joint, and the lever, in the line *l l*, Fig. 1. Fig. 3 is the lifter with the cross-bolt, seen in the front. Fig. 4 is a side board, seen on the inside.

A, Fig. 1, is the basis of the wagon-jack, and B is the case, with double iron front C C, with excavations for the lever-bolt D. E is the lifter, which is running in the case B, and F is the double pawl-hook with double handles. G is the lever, with the lever-bolt D; and H, Fig. 2,

is a section from the lifter E, with four pawl-bits Nos. 1, 2, 3, and 4. I is a section from the lever G, connected to the lifter with a double joint, J. Fig. 3 is the lifter E, seen in the front, with the cross-bolt K; and Fig. 4 is the side board B and the iron front C, seen on the inside. L is the excavation for the double pawl-hook F, and M is a groove for the cross-bolt K to keep the lifter to its place.

When the wagon is to be raised up, the wagon-jack is placed under the axle-tree, and by pressing down the lever the wheel is raised up, the double pawl-hook holding the lifter in the pawl-bits; and by loosening the double pawl-hook the lever raises up and the wheel is lowered to the ground.

I claim as my invention—

The double joint J, connecting the lifter H to the lever I, the grooves M in both side boards, and the double pawl-hook F with double handles, all combined, arranged, and constructed as and for the purpose set forth.

IZAAK VAN KERSEN.

Witnesses:

AMOS D. ALLEN,
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