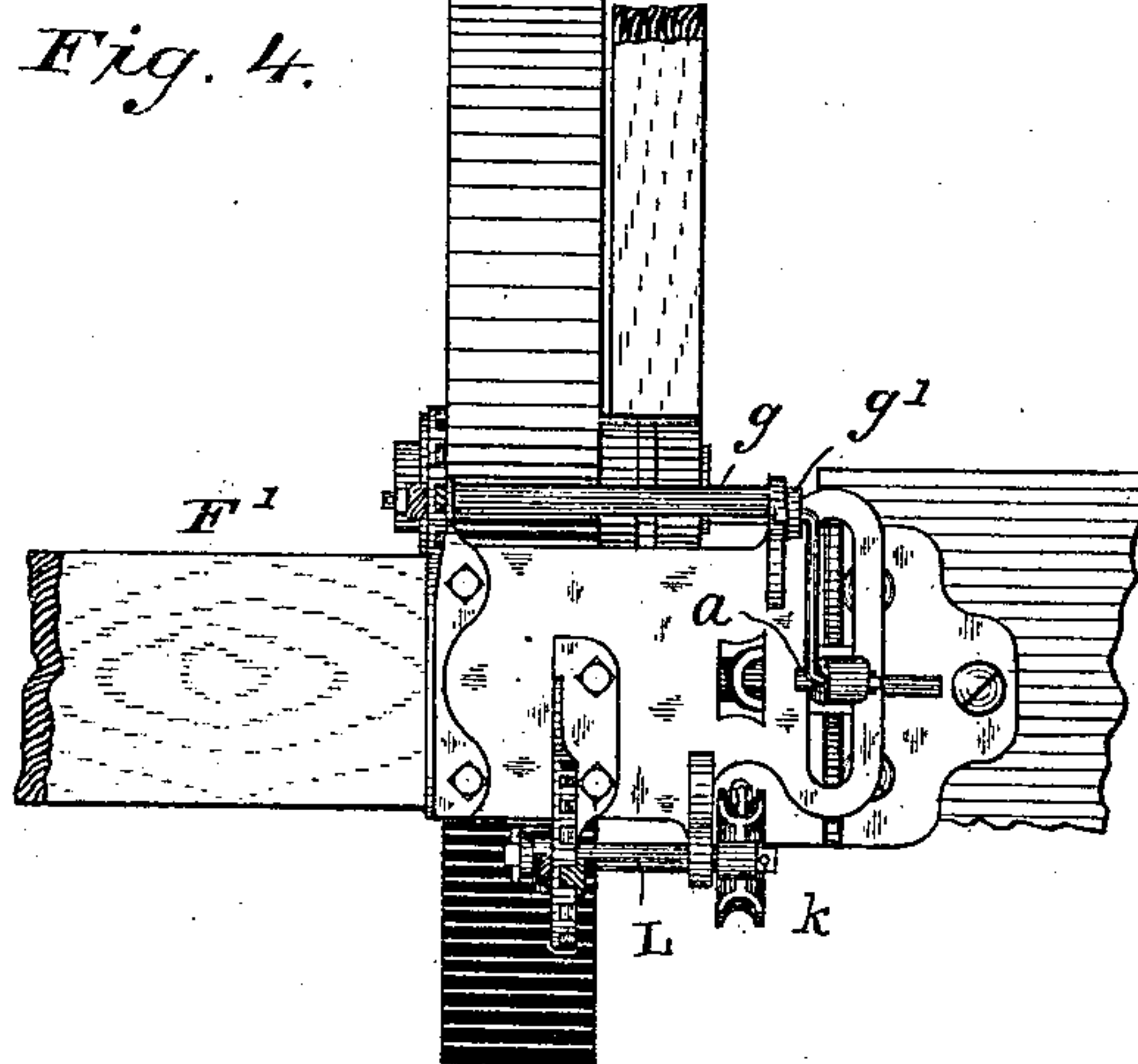
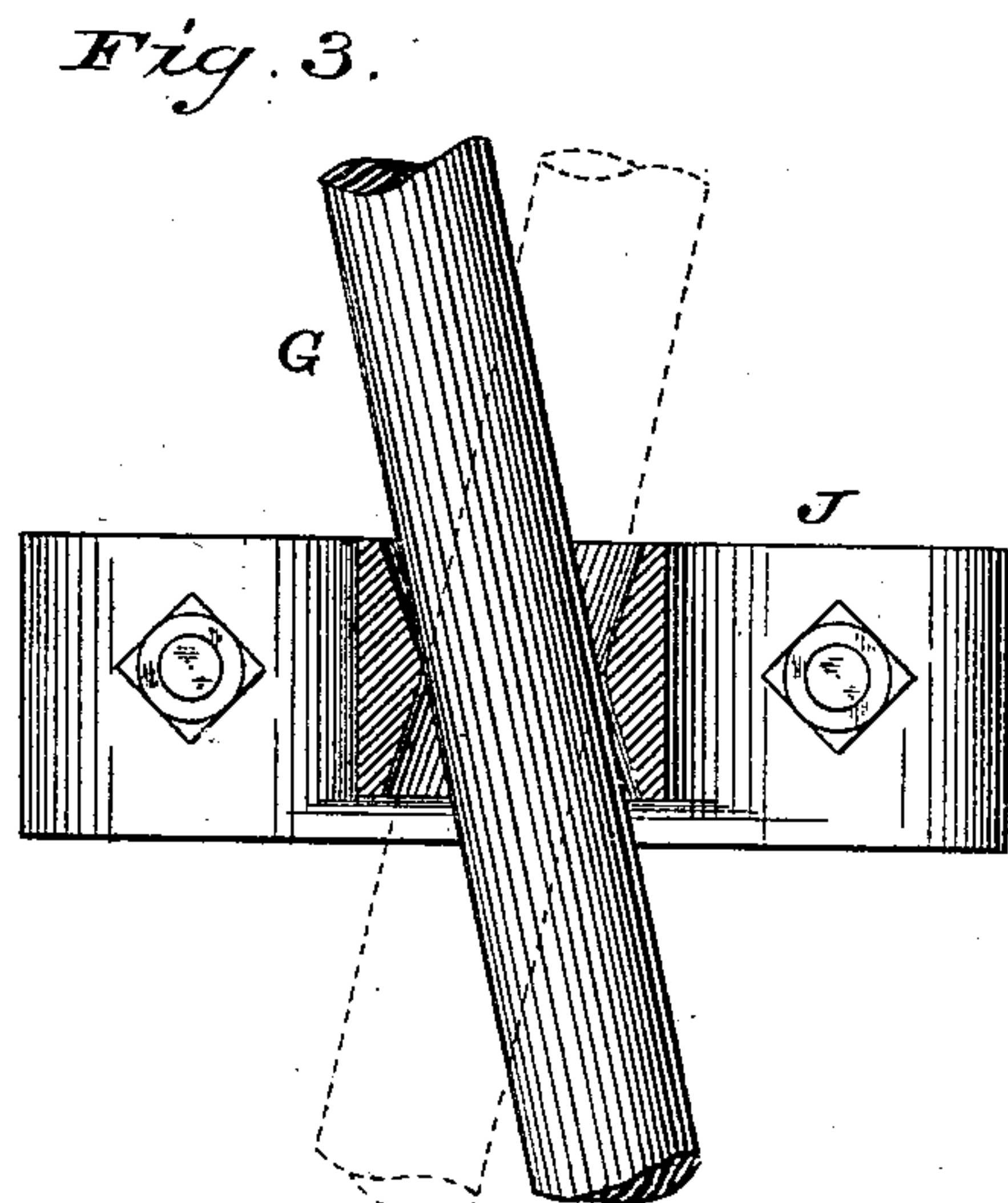
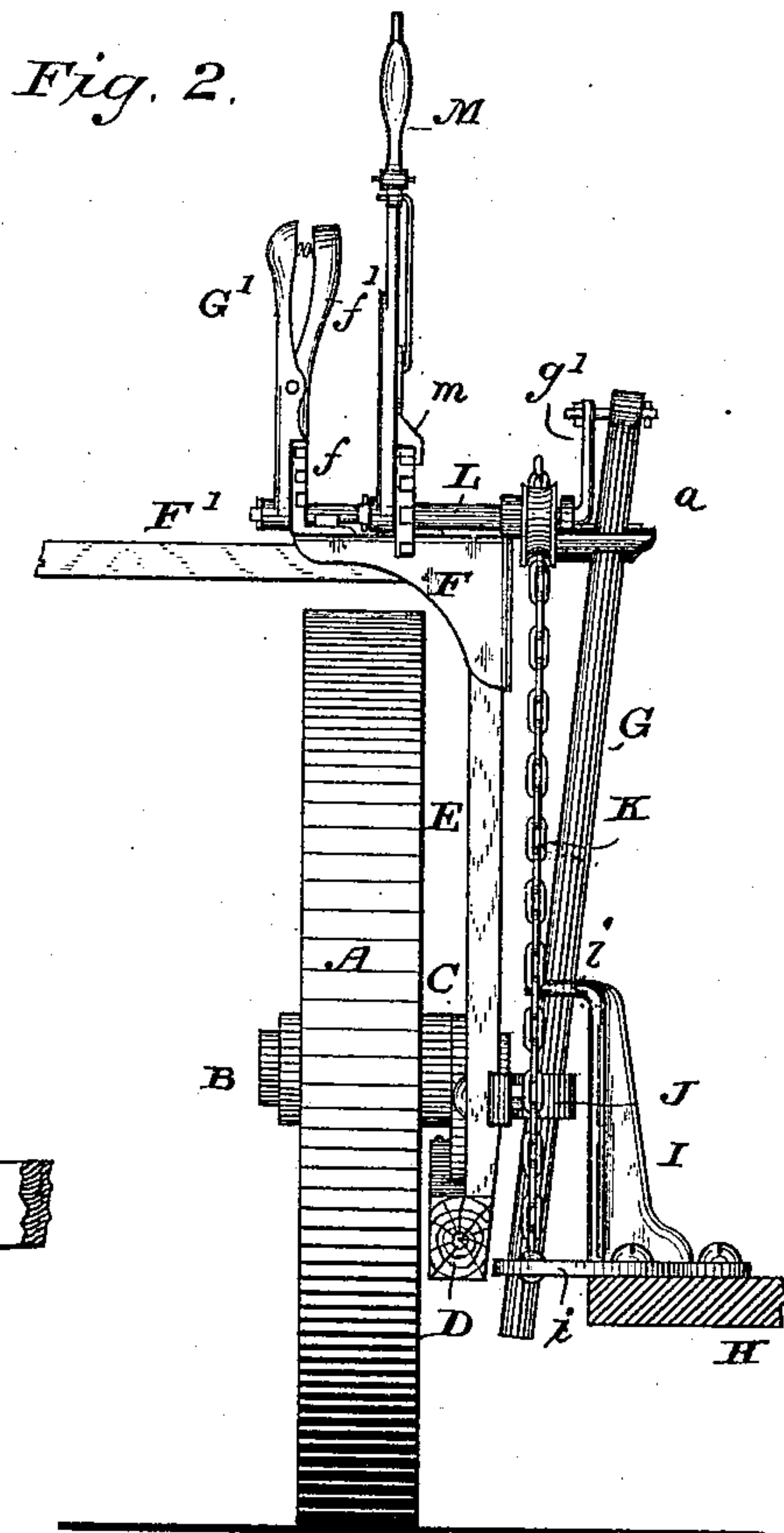
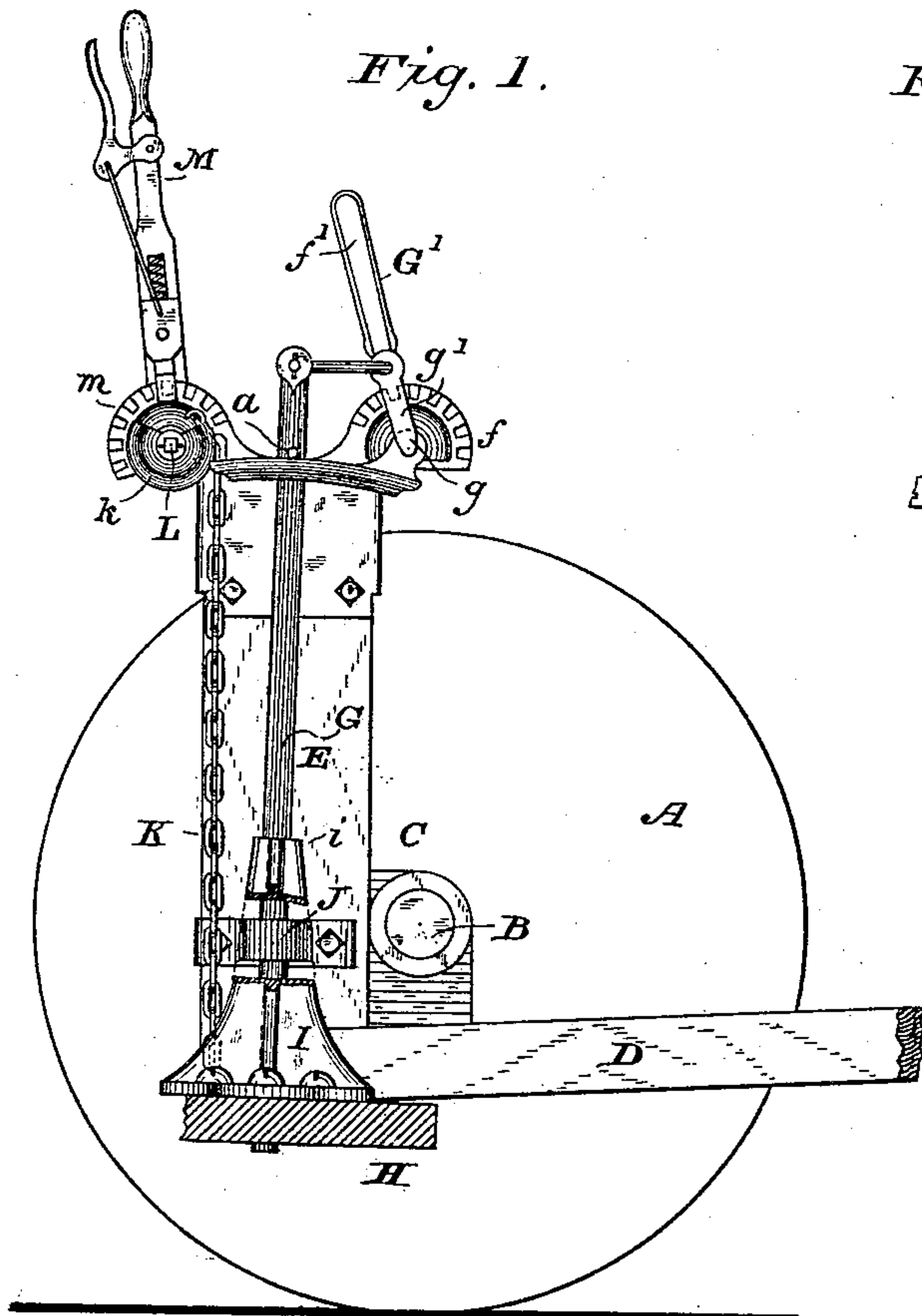


(No Model.)

L. SWEET.
HARVESTER.

No. 277,078.

Patented May 8, 1883.



WITNESSES

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UNITED STATES PATENT OFFICE.

LEBBEUS SWEET, OF WELLSVILLE, ASSIGNOR OF TWO-THIRDS TO JAMES WYCKOFF AND RICHARD T. TUTTLE, BOTH OF PERRY, NEW YORK.

HARVESTER.

SPECIFICATION forming part of Letters Patent No. 277,078, dated May 8, 1883.

Application filed February 7, 1883. (No model.)

To all whom it may concern:

Be it known that I, LEBBEUS SWEET, of Wellsville, in the county of Allegany and State of New York, have invented certain new and useful Improvements in Harvesters, of which the following is a specification.

My invention relates to an improvement in one-wheeled harvesting-machines; and my object is to provide strong, simple, and inexpensive means for rocking the finger-bar and platform.

In the accompanying drawings, which show only such parts of a harvester as are thought to be required to illustrate my improvements, Figure 1 is a view partly in side elevation and partly in section; Fig. 2, a view in rear elevation; Fig. 3, a detailed view, representing a portion of a rocking bar, and, in section, the socket through which it passes; and Fig. 4, a plan view.

A drive-wheel, A, is suitably connected to an axle, B, to support a main frame, C, rocking about the axle, as usual in this type of machine.

A tongue, D, is connected with the frame in well-known way, and the frame is provided with or partly constituted by a frame-bar or upright standard, E, at the top of which is provided a guide or slotted bracket, F, in which plays the upper end of a rock-bar, G, held against downward movement by a cross-pin, *a*.

A finger-beam, H, is provided with a heel-bracket, I, through perforated arms *i i*, in which the rock-bar G passes. This rock-bar between said slotted arms *i i* and above its lower end passes through a perforated bracket or socket-iron, J, securely bolted to the frame-upright above the level of the finger-bar. This socket-iron is provided with an opening flaring in both directions from the center, as plainly shown in Fig. 3, to enable the rock-bar to be readily adjusted therein with the least amount of play or looseness, as will readily be understood by inspection of Fig. 3.

The guideway-bracket F serves to connect the frame-bar and a seat-supporting bar, F', as heretofore, and is provided with a rack or detent-teeth, *f*, to be engaged by a detent, *f'*, of

a rocking lever, G', secured to a rock-shaft, *g*, the crank *g'* of which is linked to the rock-bar, so that this bar may be held in its adjusted position, as will readily be understood by inspection of the drawings.

A chain, K, with any suitable lifting devices—such as the segment-sheave *k*, rock-shaft L, detent-lever M, and a rack, *m*—enables the finger-bar to be elevated or lowered by sliding it vertically upon the rock-bar. As will readily be understood, the finger-bar may be held at the desired elevation.

From the foregoing description it will be understood that by manipulating the lever G' the finger-bar and platform of the machine can be tilted to incline the guards for well-known purposes, and that to provide for this adjustment there is required only the socket-iron J and the bolts by which it is connected with the frame-bar, or other suitable part of a main frame of appropriate construction, together with the usual rock-bar of this type of machines, and means for rocking this bar and connecting it with the finger-bar and platform.

I claim as of my own invention—

1. The combination of the main frame, the rock-bar, the finger-bar connected with the rock-bar, and the fixedly-secured socket-iron of the main frame, through which the rock-bar passes above its lower end, as well as above the level of the finger-bar, substantially as and for the purpose described.

2. The combination of the frame, the frame-bar, the driving-wheel, the axle, the bracket provided with an opening flaring both ways from the center, the rock-bar, its adjusting-lever and detent devices, the finger-bar, the heel-bracket thereon provided with the perforated arms, and the raising and lowering devices, substantially as and for the purpose set forth.

In testimony whereof I have hereunto subscribed my name.

LEBBEUS SWEET.

Witnesses:

CLARENCE A. FARNUM,
CHARLES F. VINCENT.