

G. A. DAVIDSON.
Stone-Sawing Machine.

Fig. 1. No. 130,845.

Patented Aug. 27, 1872.

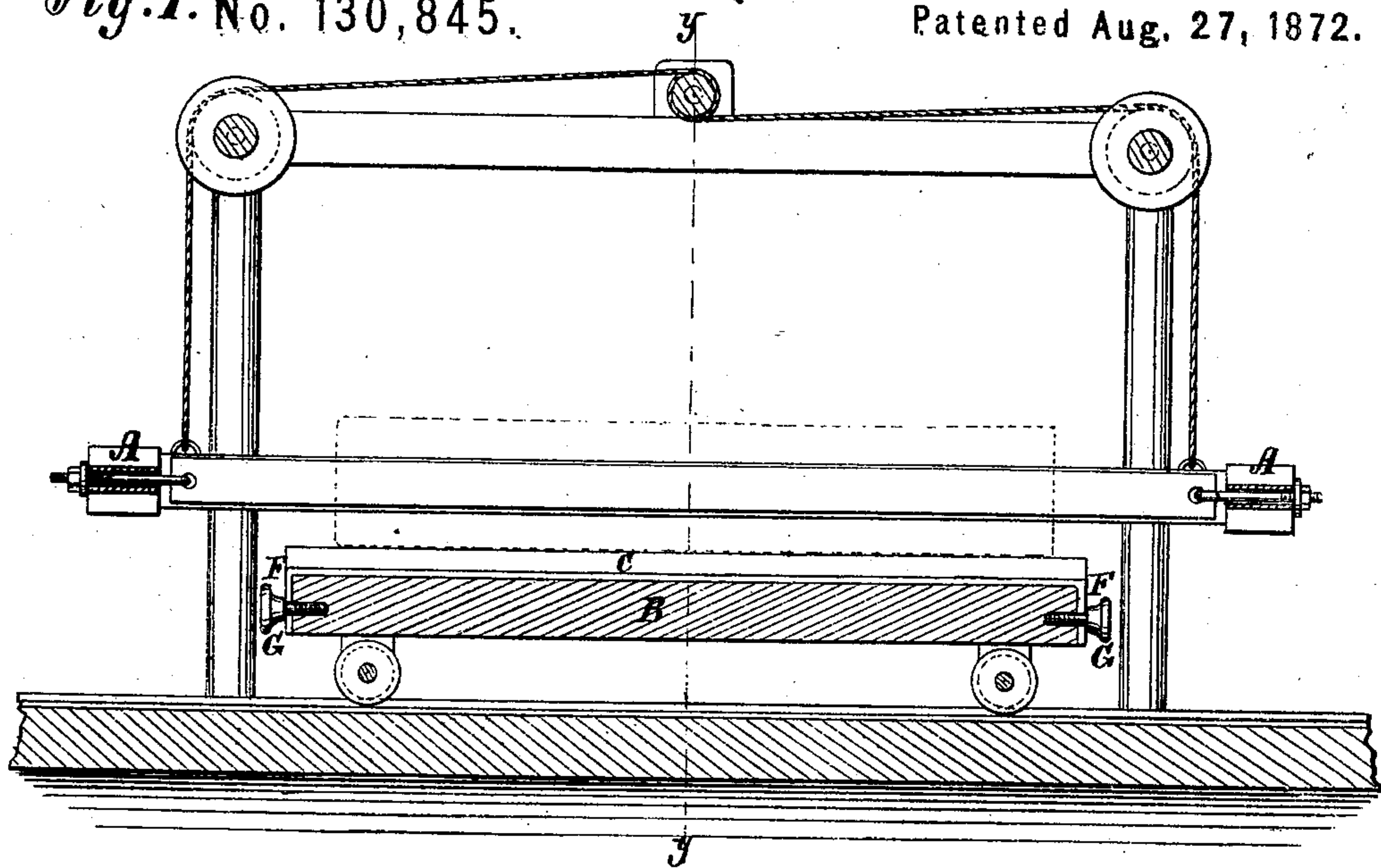
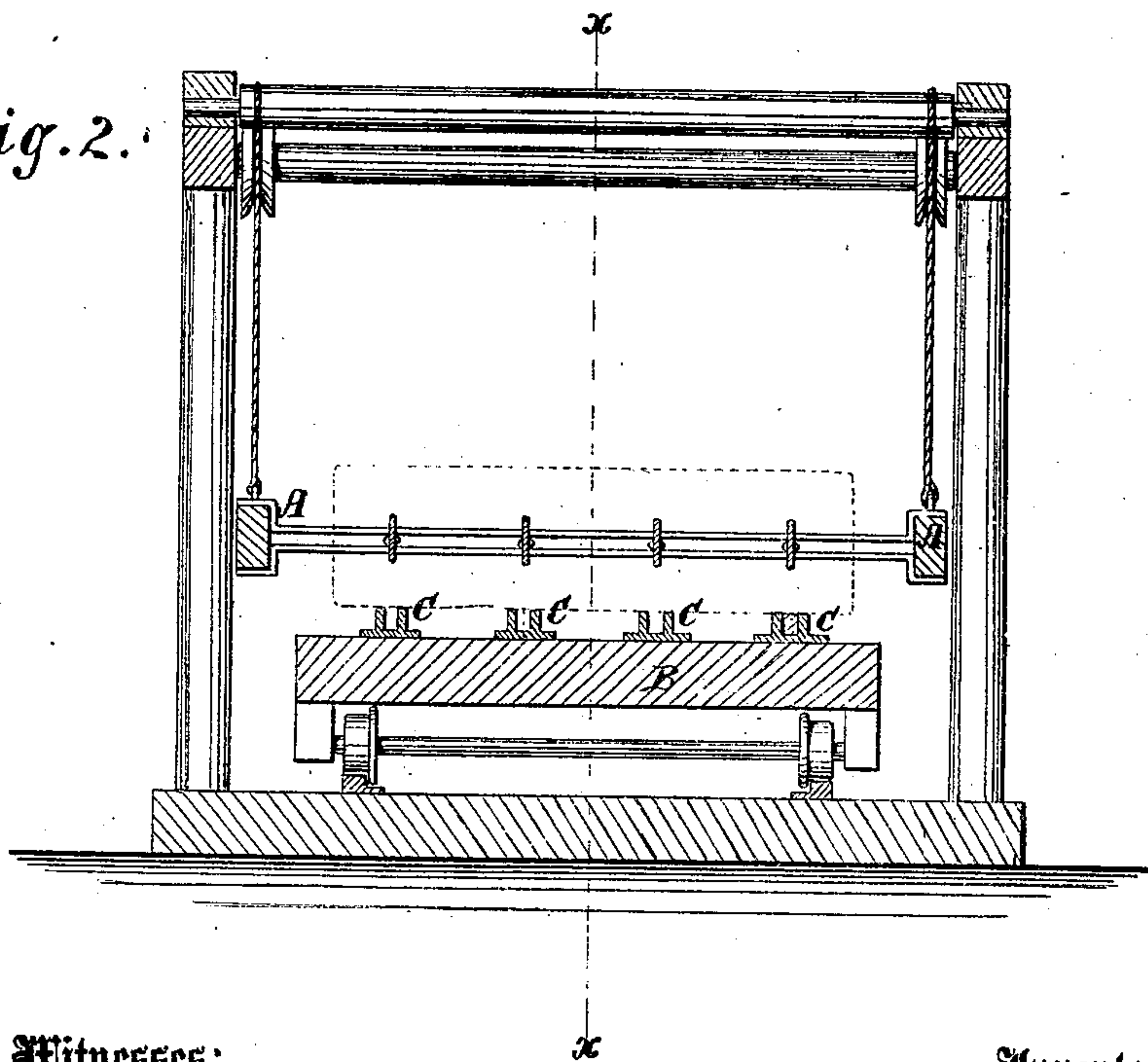


Fig. 2.



Witnesses:

A Benneendorf.

H. A. Graham

Inventor:

Geo. A. Davidson.

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UNITED STATES PATENT OFFICE.

GEORGE A. DAVIDSON, OF MALDEN, ASSIGNOR TO HIMSELF AND HORACE
T. CASWELL, OF TROY, NEW YORK.

IMPROVEMENT IN STONE-SAWING MACHINES.

Specification forming part of Letters Patent No. 130,845, dated August 27, 1872.

Specification describing a new and useful Improvement in Stone-Sawing Machinery, invented by GEORGE A. DAVIDSON, of Malden, in the county of Ulster and State of New York.

Figure 1 is a longitudinal sectional elevation of my improved sawing apparatus taken on the line *x x* of Fig. 1, and Fig. 2 is a transverse section of Fig. 1 on the line *y y*.

Similar letters of reference indicate corresponding parts.

A is the saw-frame, which, together with its supports, may be of any approved arrangement. B is the truck table or platform, and C are the grooved metal bars, which I place on said platform and adjust so that each will come into a groove when working through the lower side of the stone. Said grooves will be deep enough to let the saws, which are not always exactly level, work entirely through the stone from end to end before striking the bottom of the grooves, and thus I save the

damage to the platform or scantlings placed thereon to hold the stone in the common way, which are so cut up in a short time as to be worthless.

In this example these bars are represented as having angle pieces at the ends extending down alongside of the ends of the platform with screws G screwing into or against the platform to hold them in place; but while I prefer this arrangement I do not limit myself to it, for other contrivances may be employed.

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

The angle pieces F and set-screws G, combined with the said grooved plates and the platform, substantially as specified.

GEORGE A. DAVIDSON.

Witnesses:

B. M. FRELIGH,
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