

W. Glenn,
Planking Clamp,
No 54,327. *Patented May 1. 1866.*

Fig: 2.

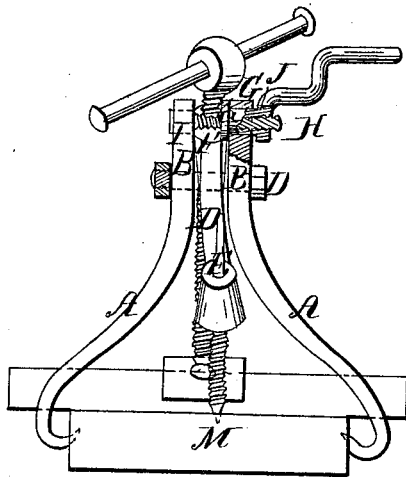
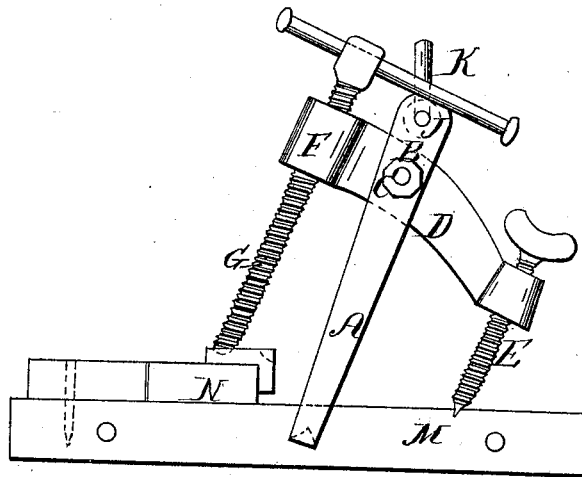


Fig: 1.



Witnesses;

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UNITED STATES PATENT OFFICE.

WESLEY GLENN, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN PLANKING-CLAMPS.

Specification forming part of Letters Patent No. 54,327, dated May 1, 1866.

To all whom it may concern:

Be it known that I, WESLEY GLENN, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and Improved Planking-Clamp; 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 drawings, forming part of this specification, in which—

Figure 1 is a side view of my improved clamp, showing it as applied to a plank, and Fig. 2 a view of the rear side or end of the same.

The principal object sought to be secured by the clamp embraced in the present invention is to economize time in planking and in the building of staging, &c.

A A in the drawings represent two hooks, each hung near their ends B and secured by a bolt, C, to the knee or brace D, one upon each side of the same. Through the lower end of this knee or brace B passes a set-screw, E, and through the other or upper end, F, a power-screw, G. H is a screw-shaft, inserted at one end in the upper portion or end, I, of one of the hooks A, and passing loosely through the same end of the other hook, in which, turning upon said screw-shaft, is a screw-sleeve, J, having a raised lip or flange, a, upon each end, one flange bearing against the inside edge of the said hook and the other upon the outside edge. This sleeve J is provided with a winch-handle, K, for convenience in turning it, whereby, if said sleeve be turned in the proper direction to screw upon the said screw-shaft, the

hooks A A will be opened from each other, but brought together or toward each other if turned in the opposite direction, as is obvious by an inspection of the drawings without further explanation.

To use my improved clamp constructed and arranged as above explained, the hooks A are placed one upon one side of the timber M and one upon the other, when, turning the screw-sleeve J by its handle K in the proper direction to draw the hooks toward each other, they are made to enter or embed themselves in the sides of the timber, after which the set-screw E is properly adjusted, and then the power-screw G is brought to bear against the edge of the plank N, laid upon the timber M with sufficient force and power to firmly and tightly hold it in close contact with the plank O, previously nailed or otherwise properly fastened thereto, when, having secured such plank to the timber by nailing, bolting, or in any other proper manner, the clamp is removed.

What I claim as new, and desire to secure by Letters Patent, is—

The combination of the knee or brace D, having set-screw E and pawl-screw G and hooks A, the screw-shaft H, and flanged screw-sleeve J, arranged in the back or upper end of the hooks upon said shaft so as to operate upon the hooks, substantially as and for the purpose described.

WESLEY GLENN.

Witnesses:

HENRY GLENN,
JOSEPH N. TEES.