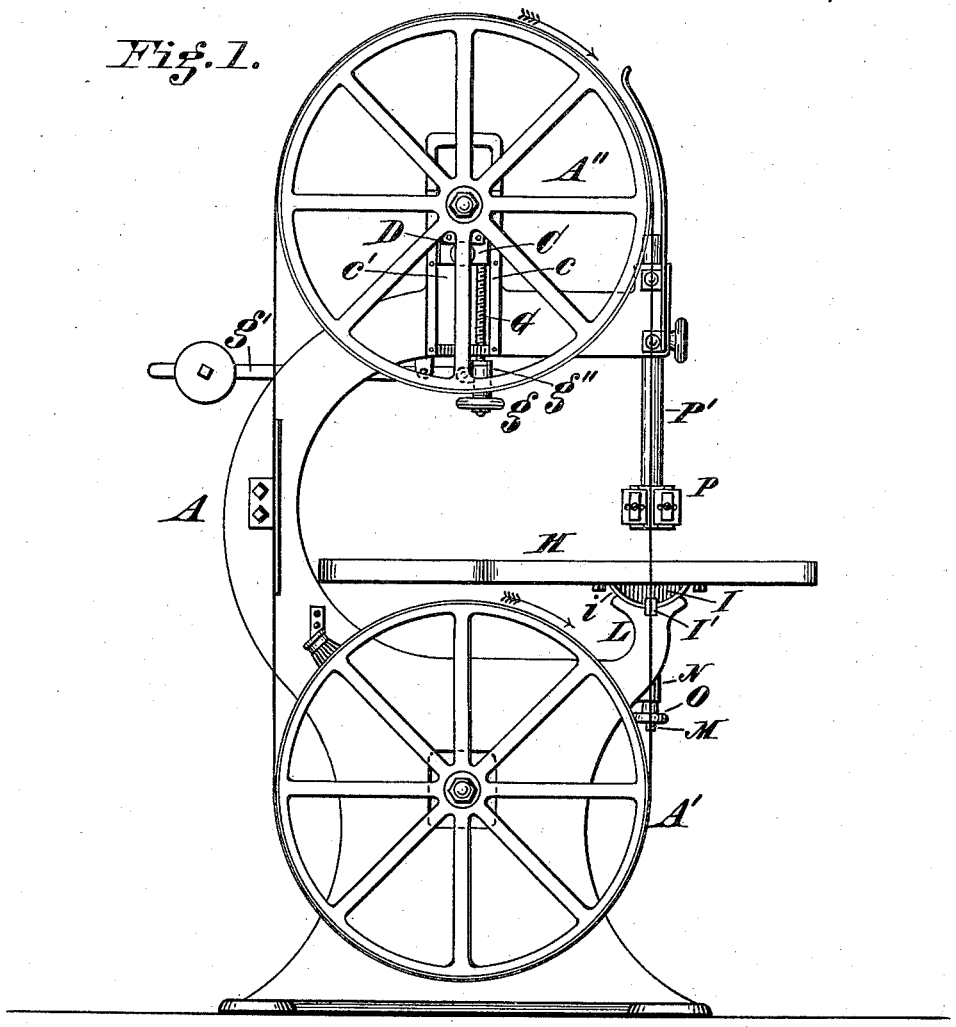
(No Model.) 2 Sheets—Sheet 1.

H. J. CORDESMAN.

BAND SAWING MACHINE TABLE.

No. 306,221. Patented Oct. 7, 1884.

Fig. 1.



INVENTOR

Henry J. Cordesman,
by John E. Jones,
his Attorney &c.

ATTEST

Wm. L. Jones
Frank H. Murray

N. PETERS. Photo-Lithographer. Washington, D. C.

(No Model.) 2 Sheets—Sheet 2.

H. J. CORDESMAN.

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Fig. 2.

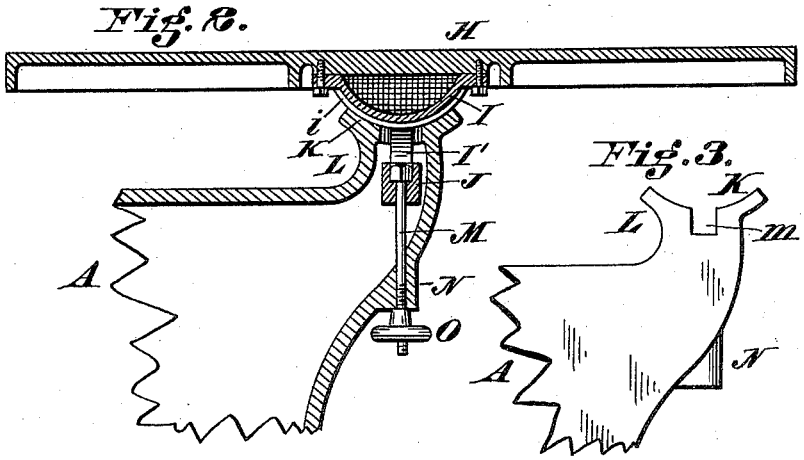


Fig. 3.

Fig. 4.

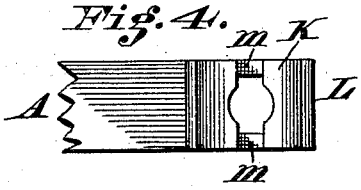


Fig. 5.

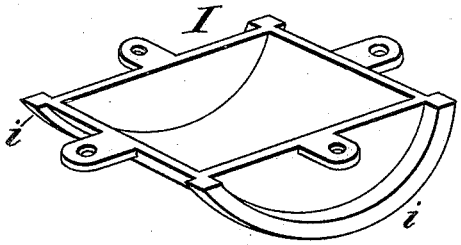


Fig. 7.

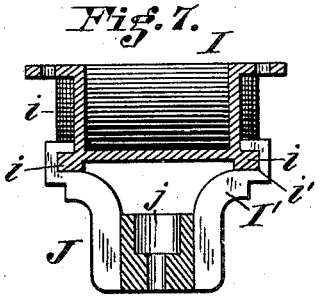
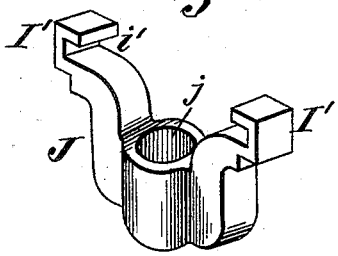


Fig. 6.



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UNITED STATES PATENT OFFICE.

HENRY J. CORDESMAN, OF CINCINNATI, OHIO.

BAND-SAWING-MACHINE TABLE.

SPECIFICATION forming part of Letters Patent No. 306,221, dated October 7, 1884.

Application filed May 1, 1884. (No model.)

To all whom it may concern:

Be it known that I, HENRY J. CORDESMAN, a citizen of the United States, and residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Band-Saw Machines, of which the following is a specification.

My invention relates to an improved machine table, which will be fully hereinafter described.

In the accompanying drawings, Figure 1 is a side elevation of a band-saw machine embracing my invention. Fig. 2 is a central longitudinal section of the table and its supporting-arm on the main frame. Fig. 3 is a side elevation of the table-supporting arm, shown broken asunder from the frame. Fig. 4 is a plan view of the arm shown in Fig. 3. Fig. 5 is a detail perspective view of the semicircular box or block upon which the table is mounted, and turned to an inclined position when desired. Fig. 6 is a detail perspective view of the clamp-nut for securing the table in place upon its supporting-arm. Fig. 7 is a central sectional elevation of the semicircular table-swivel and its clamp-nut, shown in their coupled position.

A represents the main frame of the machine; A′, the lower band-wheel, and A″ the upper band-wheel.

H represents the table upon which the work is placed for sawing.

I represents a semicircular box or block secured to the bottom of the table at its center.

i i are tracks or flanges on the edges of box I, fitting into depressions *i′* in the arms or jaws I′ of a clamping-nut, J. The box I fits in a corresponding depression, K, in the top of the supporting-arm L, and is free to turn therein when it is desired to set the table at any angle within its range for bevel-sawing on loosening the clamping jaws or nut J.

M represents a bolt, which passes vertically through clamp-nut J, with its head resting in the shouldered orifice *j*, and its lower end projecting beyond a lug or boss, N, constructed on the frame A, for receiving a hand-wheel, O. The clamp-nut holds the table firmly in place when hand-wheel O is tightened on the bolt M, and can be readily released when a change of angle is required by simply slackening the said hand-wheel, which is in convenient position for the operator. The arms I′ are shouldered to enter recesses or notches *m*, made in the depression K, as shown in Figs. 1, 3, and 4, and fit closely within the walls of the hollow frame, to prevent any lateral movement of the table.

I claim—

1. The combination, with a machine-table, H, and its supporting-arm K L, of a semicircular bearing-block, I, having flanges or rims *i i*, and a yoke or clamp, J, provided with a tightening bolt or shank, M, passing downward through said supporting-arm and engaged by a hand-wheel, O, substantially as herein set forth.

2. In a band-saw machine, the combination, with the table H, its recessed supporting-arm K L, the semicircular flanged bearing-block I, the embracing clamp or yoke J, vertical bolt M, and the tightening hand-wheel O on said bolt, of a lug or enlargement, N, constructed on the under side of said supporting-arm, which is centrally perforated to receive bolt M and place it and said tightening hand-wheel in convenient position for the operator to readily alter the angle of the table, substantially as herein set forth.

3. The combination, with the table H, bearing-block I, clamp J, and the supporting-arm L, of the recesses or notches *m*, constructed in the matrix K of the supporting-arm in line to receive the shouldered arms I′ of said clamp J, and prevent any lateral or torsional movement of the table, substantially as herein set forth.

HENRY J. CORDESMAN.

Witnesses:
JOHN E. JONES,
WM. C. JONES.