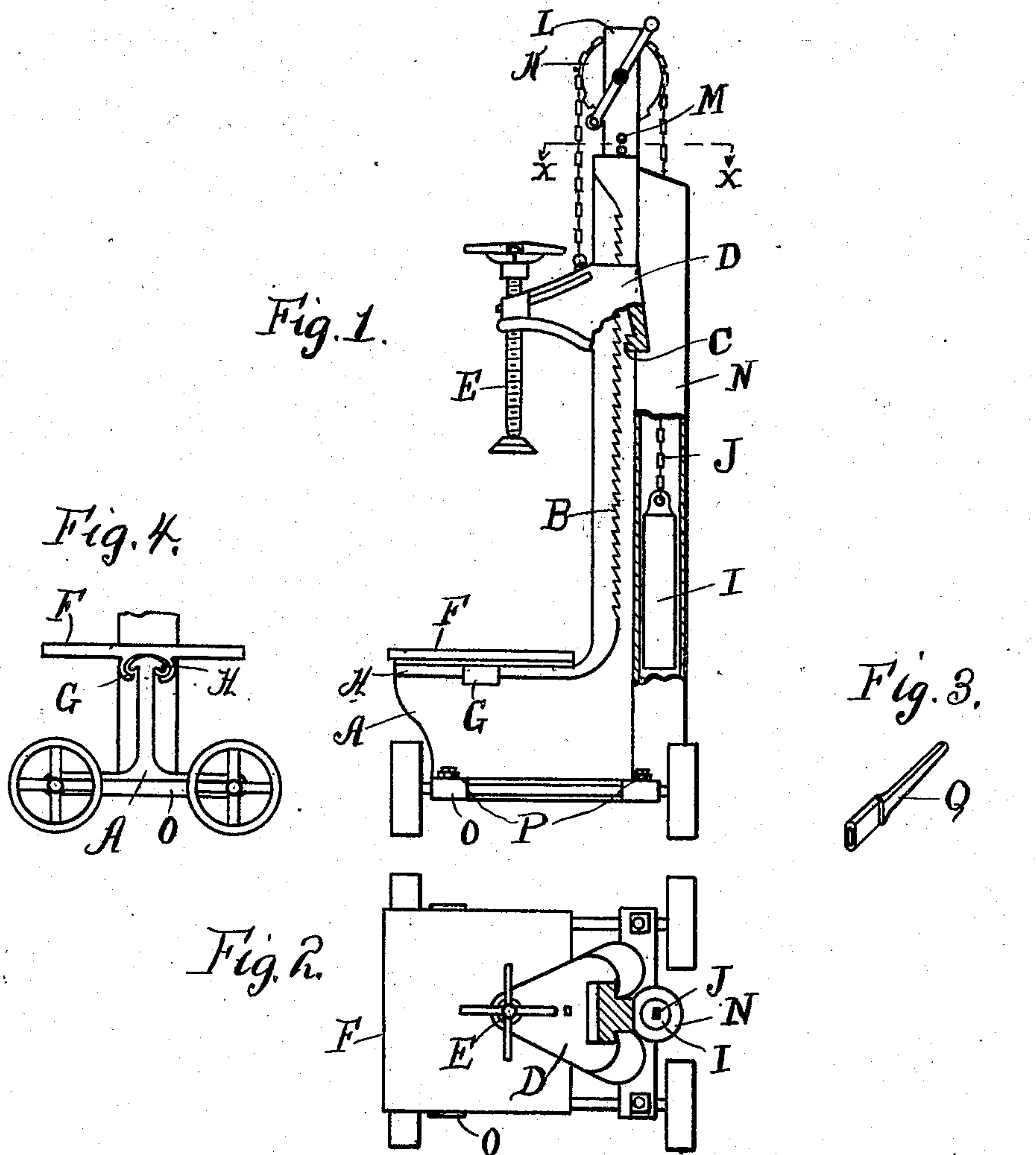


W. R. SNYDER.
 VENEER PRESS.
 APPLICATION FILED NOV. 20, 1907.

924,591.

Patented June 8, 1909.



WITNESSES

S. M. Gallagher.
E. H. Schofield

INVENTOR

William R. Snyder

BY

W. P. Williams ATTORNEY

UNITED STATES PATENT OFFICE.

WILLIAM R. SNYDER, OF KIMBERTON, PENNSYLVANIA.

VENEER-PRESS.

No. 924,591.

Specification of Letters Patent.

Patented June 8, 1909.

Application filed November 20, 1907. Serial No. 403,002.

To all whom it may concern:

Be it known that I, WILLIAM R. SNYDER, a citizen of the United States, residing at Kimberton, county of Chester, and State of Pennsylvania, have invented a certain new and useful Improvement in Veneer-Presses, of which the following is a specification.

My invention relates to a new and useful improvement in veneer presses, and has for its object to provide an exceedingly simple and effective device of this description by which a press may be readily adjusted upon a piece of veneer and thereby hold it in position until the glue has hardened.

With these ends in view, this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claim.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, I will describe its construction in detail, referring by letter to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a side elevation of my press, having a part of the sliding member and a part of the casing broken away. Fig. 2, is a plan view thereof from the line $x-x$. Fig. 3, a perspective view of the wrench. Fig. 4 is a front elevation of the lower portion of the press showing the adjustable plate.

In carrying out my invention as here embodied, A represents the frame work of my improved press, having the teeth B cut therein for engaging with the teeth C, which are cut in the sliding member D. The member D has threaded in its outer end a clamp screw E for holding the work in position upon the plate F, said plate being set upon a rocker edge to allow it to find its adjustment when work is being clamped thereon. The lug G which is fastened to the plate F is curved in such manner about the ledge H as to prevent the plate from falling off of the press.

The weight I, being a counterbalance for the sliding member D is fastened thereto by means of the chain J which runs over the sprocket wheel K, said sprocket wheel being held in position by the frame work L, which is fastened to the rest of the press by the

bolts M. The tubular casing N which acts as a housing for the weight I is also used as a brace for strengthening the press.

The whole press is attached to the truck O by means of the bolts P so that it may be moved from place to place with but little trouble.

When it is desired to tighten the clamp screw upon a piece of work I use the wrench Q, which is placed upon one end of the handle of the clamp screw, and given a part of a turn, then placed upon the opposite end of the handle and the same act repeated until the desired pressure is had.

In practice when it is desired that the press be used the sprocket wheel is turned, thus allowing the member D to slide downward until the clamp screw comes in contact with the work where the last named member is tightened upon the material to be veneered. When said clamp screw is being tightened it has a tendency to push the member D upward, which operation brings the teeth C into engagement with the teeth B, thus preventing said member from moving upward.

Having thus fully described my invention, what I claim as new and useful, is—

In a veneer press, a frame provided with a ledge having teeth thereon, a tubular casing formed with the rear portion of the frame, a sliding member having teeth formed thereon, said teeth adapted to engage with the teeth formed on the frame, a clamp screw threaded in the outer end of the sliding member, a sprocket wheel, means for revolving said sprocket wheel, a counter balance weight adapted to move up and down within the tubular casing, a chain running over the sprocket wheel, one end of which is secured to the counter balance weight the opposite end to the sliding member, a plate, curved lugs formed with the under side of said plate engaging with the ledge formed with the frame, and a truck to which the press is fastened, as and for the purpose set forth.

In testimony whereof, I have hereunto affixed my signature in the presence of two subscribing witnesses.

WILLIAM R. SNYDER.

Witnesses:

EDW. W. ANSTICE,
S. M. GALLAGHER.