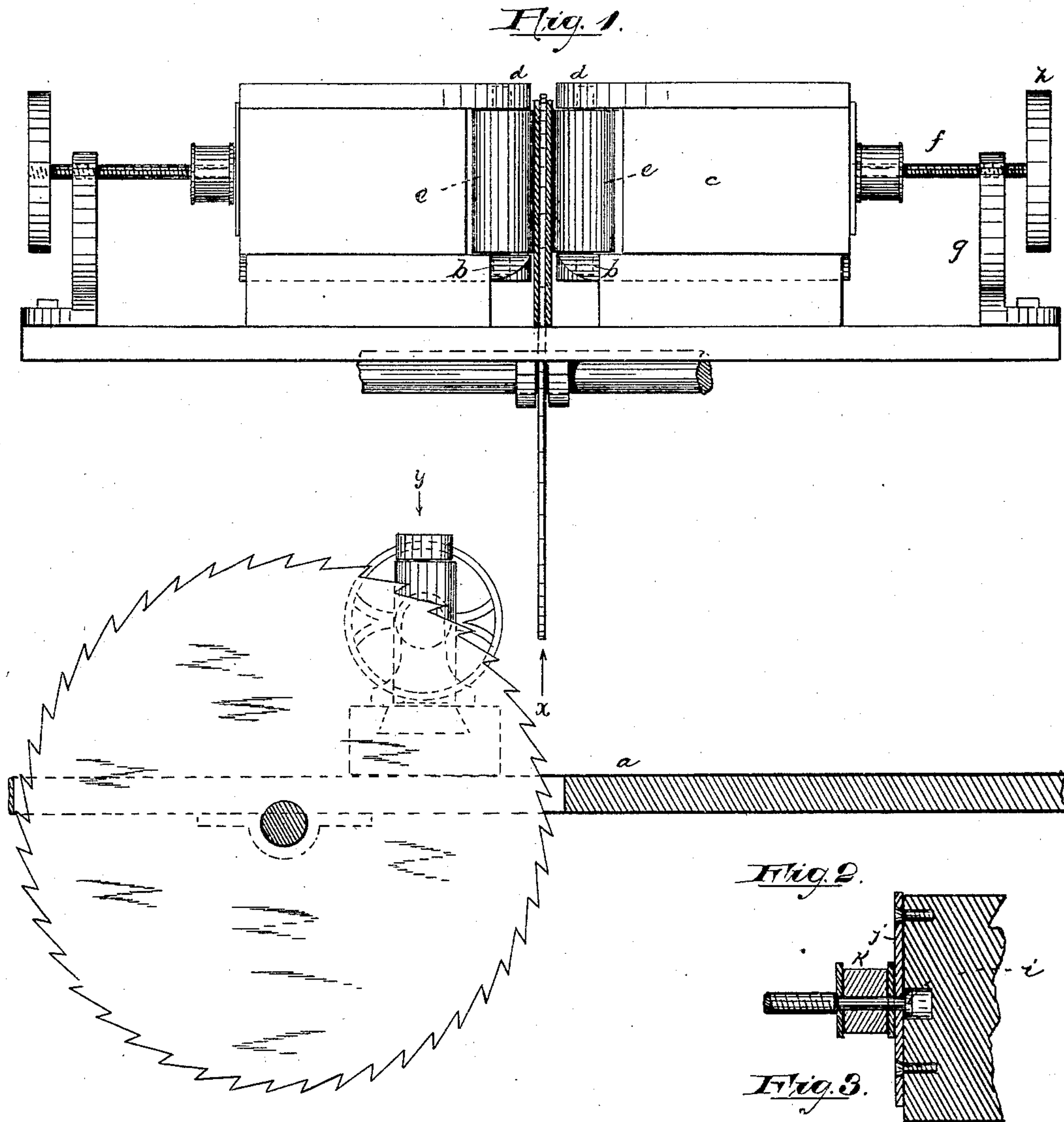


(No Model.)

G. TINTLE.
RESAWING MACHINE.

No. 336,500.

Patented Feb. 16, 1886.



Attest:

Frank F. Campbell.
Oscar A. Michel.

Inventor:

George Tintle,
by Drake & Co.
Attys.

UNITED STATES PATENT OFFICE.

GEORGE TINTLE, OF NEWARK, NEW JERSEY.

RESAWING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 336,500, dated February 16, 1886.

Application filed March 24, 1885. Serial No. 160,023. (No model.)

To all whom it may concern:

Be it known that I, GEORGE TINTLE, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Machines or Devices for Holding the Sections of a Split Board Together until said Board is Completely Sawed; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same; reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of this invention is to prevent "stub-shodding" or the checking and splitting of a board when sawing the same; and it consists in the arrangements and combinations of parts, substantially as will be hereinafter set forth in the claim.

Referring to the accompanying drawings, in which like letters indicate corresponding parts in each of the figures, Figure 1 is a front elevation of my improvements. Fig. 2 is a section of the same, taken through line *x*, Fig. 1; and Fig. 3 a sectional detail taken through line *y*, Fig. 2.

In said drawings, *a* indicates a bed, having therein or thereon tracks or ways *b b*, with dovetailed or undercut grooves in the upper face thereof. Said ways are arranged at right angles to the plane of the saw, on each side of said saw, as shown. Arranged in said ways are slides *c c*, preferably of wood or iron, and having ears *d d* projecting therefrom, to provide bearings for vertical split holding-rolls *e e*, adapted to engage the opposite sides of the split or sawed board, to hold the sections thereof against the saw, so that said sections cannot be prematurely split apart under the influence of the separating device used to keep the said sections from binding the saw.

Said rolls *e e* are stationed at the sides of the saw, the saw lying between, and bear on the sections after they are sawed, but not with sufficient power to produce any material friction on the saw, to retard the same or reduce its power.

To accommodate the rolls to any thickness of board or plank, I provide adjusting-screws *f*, to engage the opposite ends of the slides, so that the rolls may be separated or brought together by the attendant of the machine at will. The said screws work in bearings *g*, and are provided with hand-pieces *h* and end pieces, *i*, to enable the slides to be drawn apart, said end pieces engaging plates *j* on the said slides for that purpose.

To allow for variations in the thickness of the boards or unevenness therein, the rollers are allowed to move to or from one another, suitable springs, *K*, which may be either of metal, rubber, or of other material, being provided either in the position shown or in any other suitable location.

Changes may be made in the construction of the device without departing from the spirit of the invention.

I am aware that rolls for feeding the board to the saw have been employed heretofore, and I do not claim the same herein; but

What I claim as new is—

The combination, with the saw, of rolls *e e*, arranged on each side of the saw, the saw lying between, to bear on the sections of the split board and hold them against the saw, to prevent premature splitting, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 16th day of March, 1885.

GEORGE TINTLE.

Witnesses:

CHARLES H. PELL,
FREDK. F. CAMPBELL.