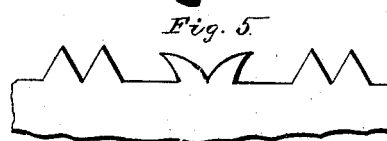
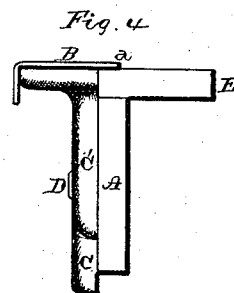
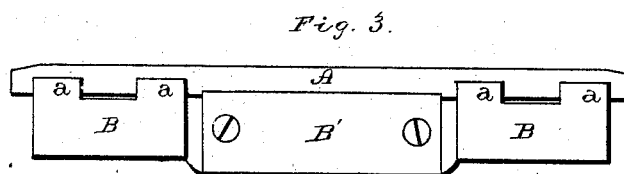
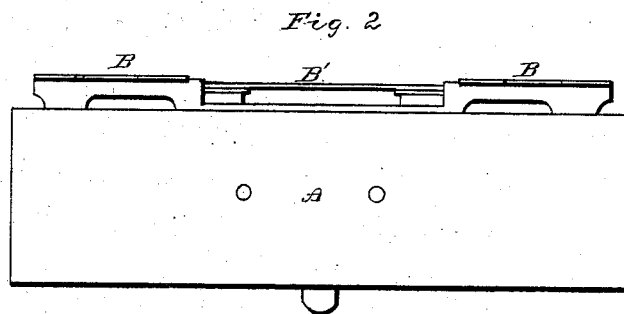
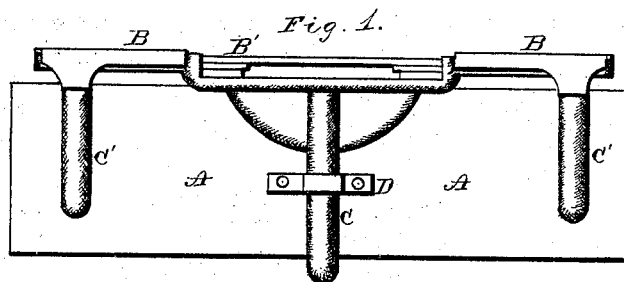


R. E. POINDEXTER,
Saw Joints and Gages.

No. 150,431.

Patented May 5, 1874.



WITNESSES.

H. J. Murphy
Edw. Jefferson

INVENTOR.

R. E. Poindexter
per
F. A. Lehmann, atty.

UNITED STATES PATENT OFFICE.

ROBERT E. POINDEXTER, OF ANDERSON, INDIANA.

IMPROVEMENT IN SAW JOINTERS AND GAGES.

Specification forming part of Letters Patent No. **150,431**, dated May 5, 1874; application filed March 23, 1874.

To all whom it may concern:

Be it known that I, ROBT. E. POINDEXTER, of Anderson, in the county of Madison and State of Indiana, have invented certain new and useful Improvements in Saw-Gages; 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

The nature of my invention relates to an improvement in saw-gages for determining and regulating the length of the teeth of cross-cut saws and the width of the set; and it consists in the arrangement and combination of parts, which will be more fully set forth hereafter.

The accompanying drawings represent my invention.

A represents a block of wood of suitable length and width, and B B' a gage-plate, that is adjustable vertically by means of arms C C' upon its back, the arm C passing through a staple or keeper, D. Held firmly between the edge of the block A and the projecting points of the plate B is a file, E, the face of which is at right angles to the face of the block. In regulating the length of the teeth,

the gage is taken in the left hand, the thumb resting upon the plate B' and the fingers upon the lower edge of the block, which is placed against the side of the saw, and, by moving the gage back and forth, the file cuts the teeth to a uniform length, when the sharpening can be done in the usual way. As the chisel-teeth should be a little shorter than the cutting-teeth, their length is regulated in this wise: The block A is removed and the arms C C' placed against the side of the saw-blade, the points of the plate B, as seen at *a a*, resting upon the contiguous cutting-teeth. The file is taken in the right hand and passed over the chisel-teeth until they are brought to the level of the vertically-adjustable plate B'. The projections *a* serve to indicate the width of the set of the saw.

Having thus described my invention, I claim—

The gage-plates B' B *a*, arms C C', and block A, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 16th day of March, 1874.

ROBERT E. POINDEXTER.

Witnesses:

C. D. THOMPSON,
H. C. RYAN.