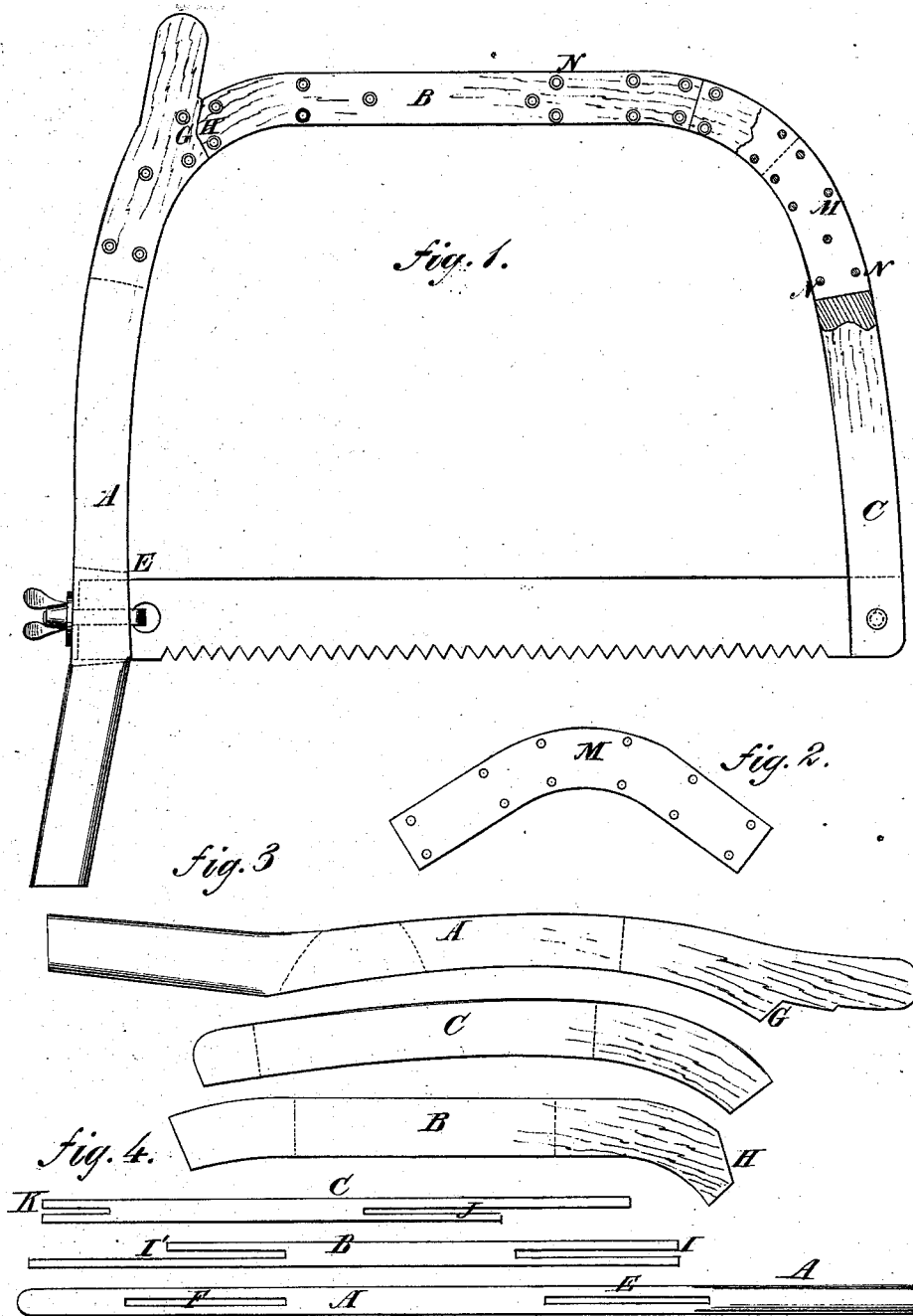


P. B. TOWLE.
Buck-Saw Frame.

No. 168,194.

Patented Sept. 28, 1875.



WITNESSES:

Gustav Dietrich
A. F. Terry

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

PORTER B. TOWLE, OF HAVERHILL, MASSACHUSETTS.

IMPROVEMENT IN BUCK-SAW FRAMES.

Specification forming part of Letters Patent No. **168,194**, dated September 28, 1875; application filed August 21, 1875.

To all whom it may concern:

Be it known that I, PORTER B. TOWLE, of Haverhill, in the county of Essex and State of Massachusetts, have invented an Improvement in Buck-Saw Frames, of which the following is a specification:

My invention consists of making the frame of three comparatively straight pieces of wood, joined together by corner-pieces of metal inserted in slots in the end of the wood pieces, and nailed through the wood and plates together. The object is to contrive a simple and efficient way of making substantial frames.

Figure 1 is a side elevation of a complete saw-frame contrived according to my invention. Fig. 2 is a side elevation of one of the metal corner-pieces. Fig. 3 represents the three wood pieces in side elevation, and Fig. 4 represents the wood pieces edgewise.

Similar letters of reference indicate corresponding parts.

A is the handle-piece, B the top, and C the bottom piece, all being sawed out of wood on suitable curves, and shaped with beveled ends, so as to form the frame represented in Fig. 1 when put together. The part A has the slits or mortises E and F sawed in it, and near the upper end it has the shoulder G formed for

the end H of the top piece B. This top piece has slits I I', one in each end, and the end piece C has slit J in one end, and K in the other. The slit K receives the lower end of the saw, the other slit receiving one end of the metal corner-piece M, the other end of which is fitted in the slit I' of piece B, while the slit I of piece B connects, by a similar metal corner-piece, with the slit F of the handle-piece. The wood pieces and the metal pieces are bored and fastened by rivets N, making stiff and substantial joints. The pieces B and C are connected by a lap-joint, which aids in stiffening the connection thereat considerably.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination of the wood pieces A, B, and C, and the metal corner-pieces M, when the wood pieces are slotted and matched, and the metal corner-pieces fitted in the slits, and the wood and metal pieces riveted, substantially as specified.

PORTER B. TOWLE.

Witnesses:

DANIEL HACKETT,
C. S. TOWLE.