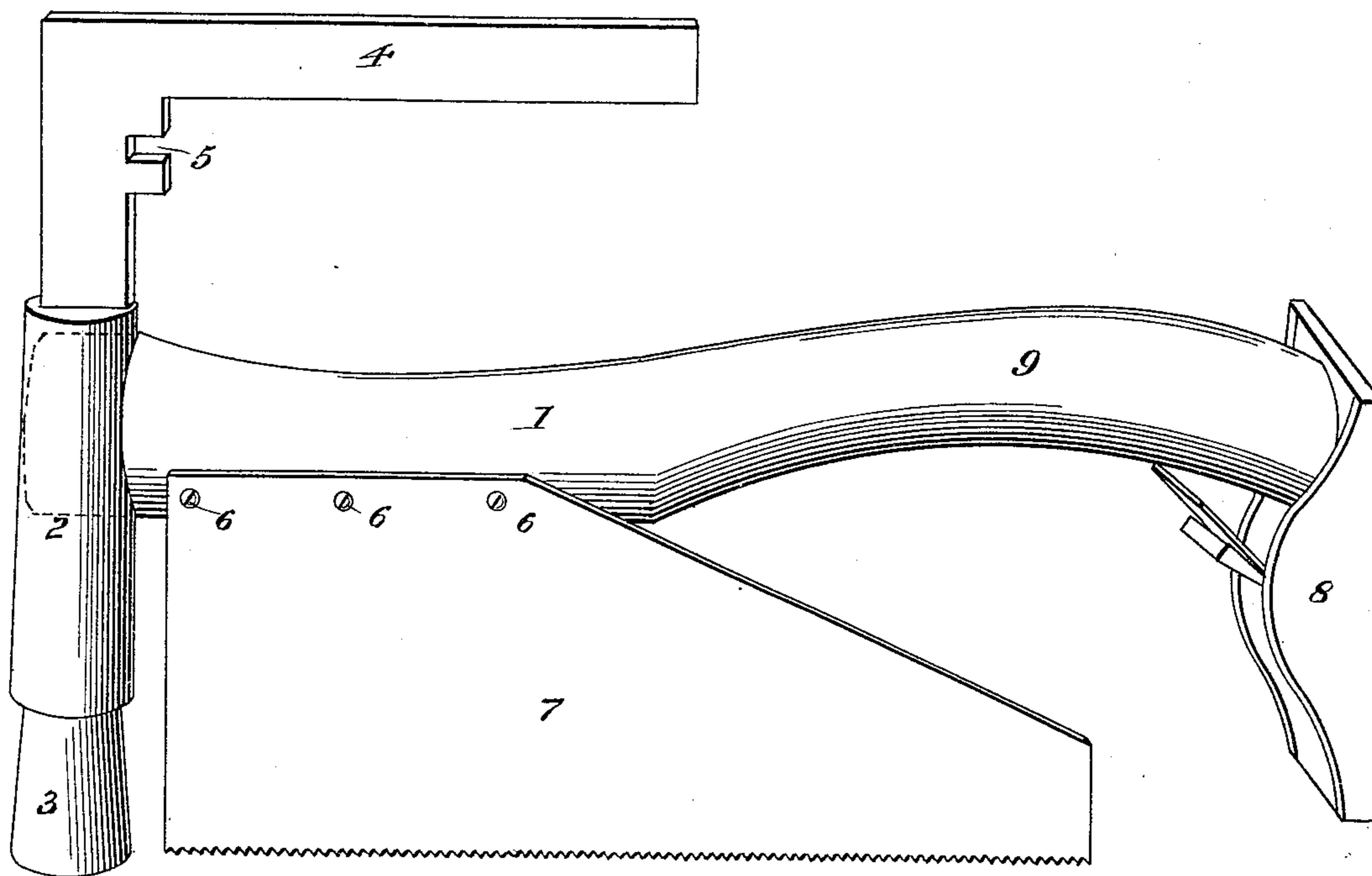


(No Model.)

J. BROUSE.
COMBINATION TOOL.

No. 377,142.

Patented Jan. 31, 1888.



WITNESSES:

J. Clark.

Bedgwick

INVENTOR:

J. Brouse

BY

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOSEPH BROUSE, OF NEW BERLIN, PENNSYLVANIA.

COMBINATION-TOOL.

SPECIFICATION forming part of Letters Patent No. 377,142, dated January 31, 1888.

Application filed October 15, 1887. Serial No. 252,456. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH BROUSE, of New Berlin, in the county of Union and State of Pennsylvania, have invented a new and Improved Combination-Tool, of which the following is a full, clear, and exact description.

This invention relates to a device in which several tools are mounted on a single handle, and has for its object to provide such a device whereby several tools will be mounted on and may be readily operated by a single handle.

The invention consists in a combination tool in which a hammer, square, nail-puller, saw, and plane are mounted on a single handle, all constructed and arranged as hereinafter described and claimed.

The accompanying drawing illustrates my invention.

In the construction of my device I employ a handle, 1, of wood or other suitable material, inserted in a metallic cross-piece, 2, provided with a hammer-head, 3, and in which is secured in any suitable manner a square, 4, provided with a notch, 5, for drawing nails. The several parts mentioned may be made separately from or formed in one piece with the handle 1. The hammer-head 3 is preferably made of steel, and the metallic square 4 welded in cross-piece 2. To the handle I secure, adjacent to cross-piece 2, by screws 6 or other means, a saw-blade, 7, having its teeth somewhat above the line of the face of hammer-head 3, so as to per-

mit the latter to be used. Any convenient form of saw may be secured to handle 5 in any suitable way. On the end of handle 1, opposite cross-piece 2, is secured, by any suitable means, a plane, 8. The handle 1 is formed with the curved portion 9, which renders it convenient in operating the plane.

The advantages and utility of my combined tool will be readily seen. By having several necessary tools mounted on a single handle the time is saved which is ordinarily employed in laying down one tool and procuring another. Moreover, the tools cannot become scattered and one or more of them mislaid.

In the construction of my device I afford a very compact, as well as convenient, arrangement of the tools on the handle, so that they may be used to the best advantage.

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

A combination-tool consisting of a handle having a hammer-head and square, with nail-pulling notch mounted on one end, a saw mounted lengthwise on the handle adjacent to the hammer-head, and a plane attached at the other end of the handle at substantially a right angle thereto, as shown and described.

JOSEPH BROUSE.

Witnesses:

JOSEPH F. ERDLEY,
AARON DENNIS.