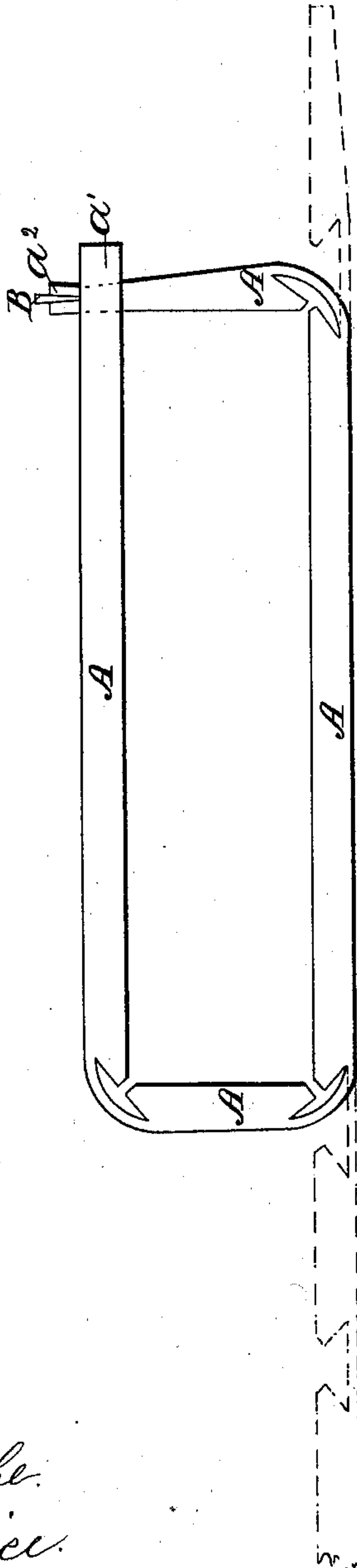


J. W. Wells,

Binding Shingles.

No 62,241. Patented Feb. 19, 1867.



Witnesses.

Theo Tusche.

J A Service.

Inventor.

J W Wells.

Per Mum Co

Attorneys.

United States Patent Office.

JAMES W. WELLS, OF ST. JOSEPH, MISSOURI.

Letters Patent No. 62,241, dated February 19, 1867.

IMPROVEMENT IN SHINGLE-BANDS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JAMES W. WELLS, of St. Joseph, in the county of Buchanan, and State of Missouri, have invented a new and improved Shingle-Binder; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

The figure is a side view of my improved shingle-binder.

My invention has for its object to furnish an improved binder for shingles, simpler, cheaper, and more convenient in use than the ordinary binders. And it consists of an improved binder made of a single piece of wood, shaved down or notched at the points where the corners of the bundle will come, so that it will readily take the desired shape.

A is the binder, which may be made of any timber that has sufficient elasticity to bend without breaking. An auger hole is then bored through one end, a^1 , of the binder, and the other end, a^2 , shaved down and rounded off, as shown, so that it may pass through the auger hole before described. The parts of the binder A, where the corner of the bundle will come, are shaved down or notched upon the inner side, as shown in the drawing, so that the binder may be bent to conform to the shape of the bundle, as shown in black in the drawing. These notches I prefer to make substantially in the form shown in red in the drawing, so that the interior of the binder may form square corners, as shown in black, for the reception of the shingles. When the shingles have been placed in the binder, the end a^2 is passed through the auger hole in the end a^1 , as shown, and is secured in place by a wedge, B, in the ordinary manner.

I claim as new, and desire to secure by Letters Patent—

An improved binder made of a single piece of wood, notched and formed at the points where the corners of the bundle will come, substantially as shown, and operating as described.

J. W. WELLS.

Witnesses:

A. SALZMAN,

JOHN B. HARRISON.