

(No Model.)

J. J. BURK.

HOOP BLANK FOR BARRELS.

No. 248,572.

Patented Oct. 25, 1881.

Fig. 1

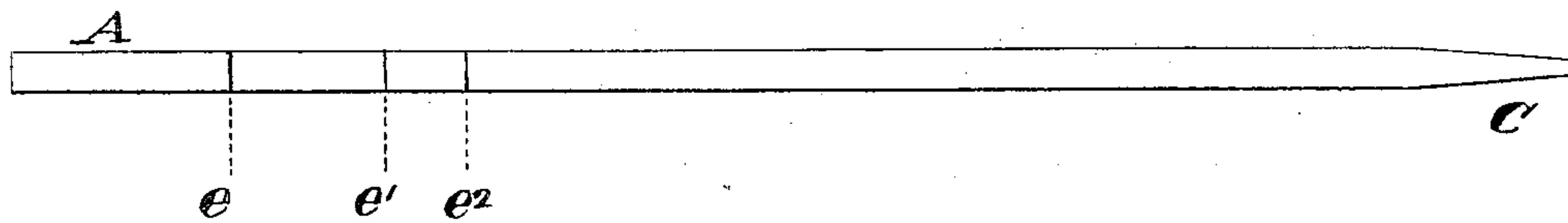


Fig. 2

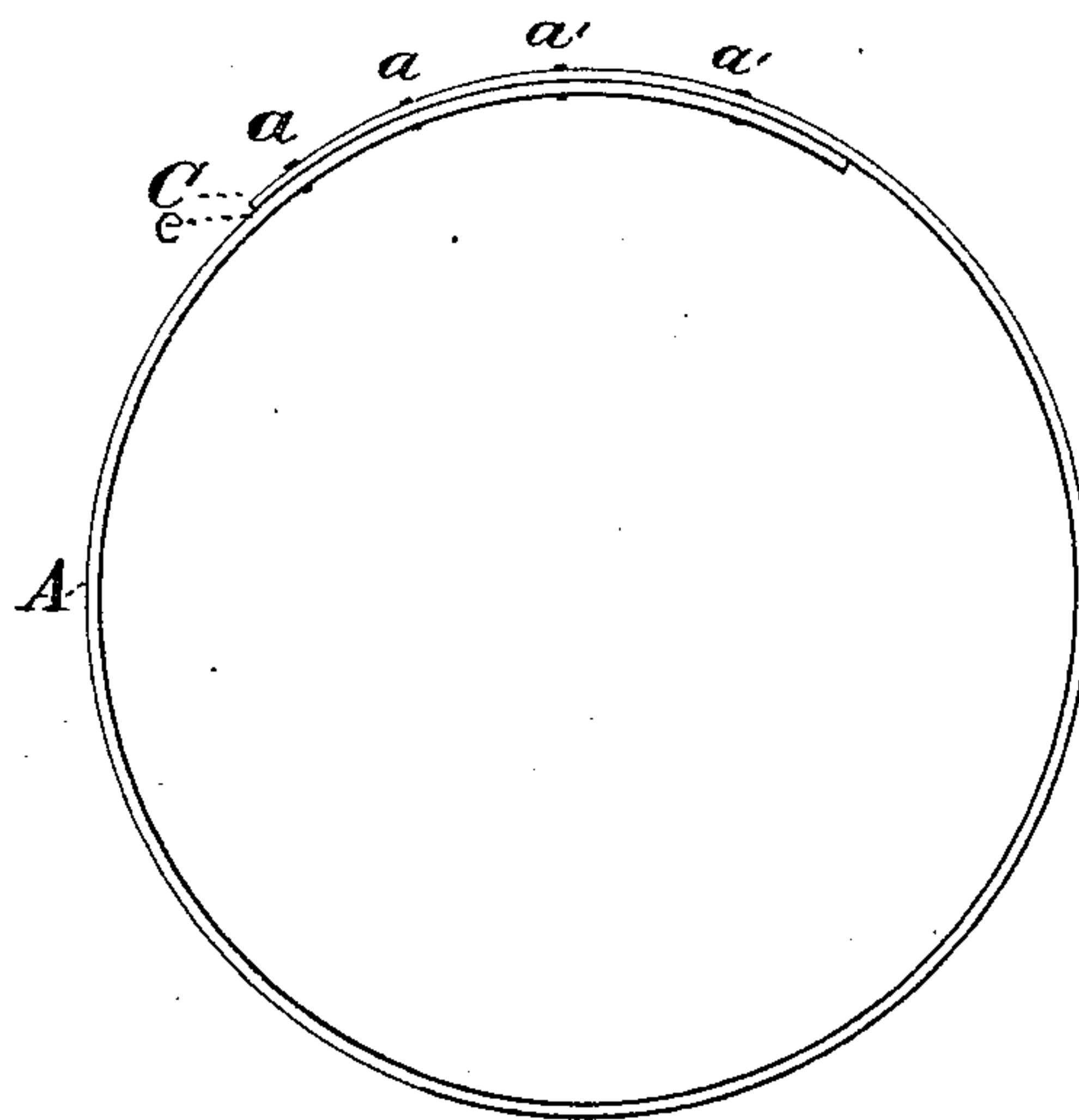
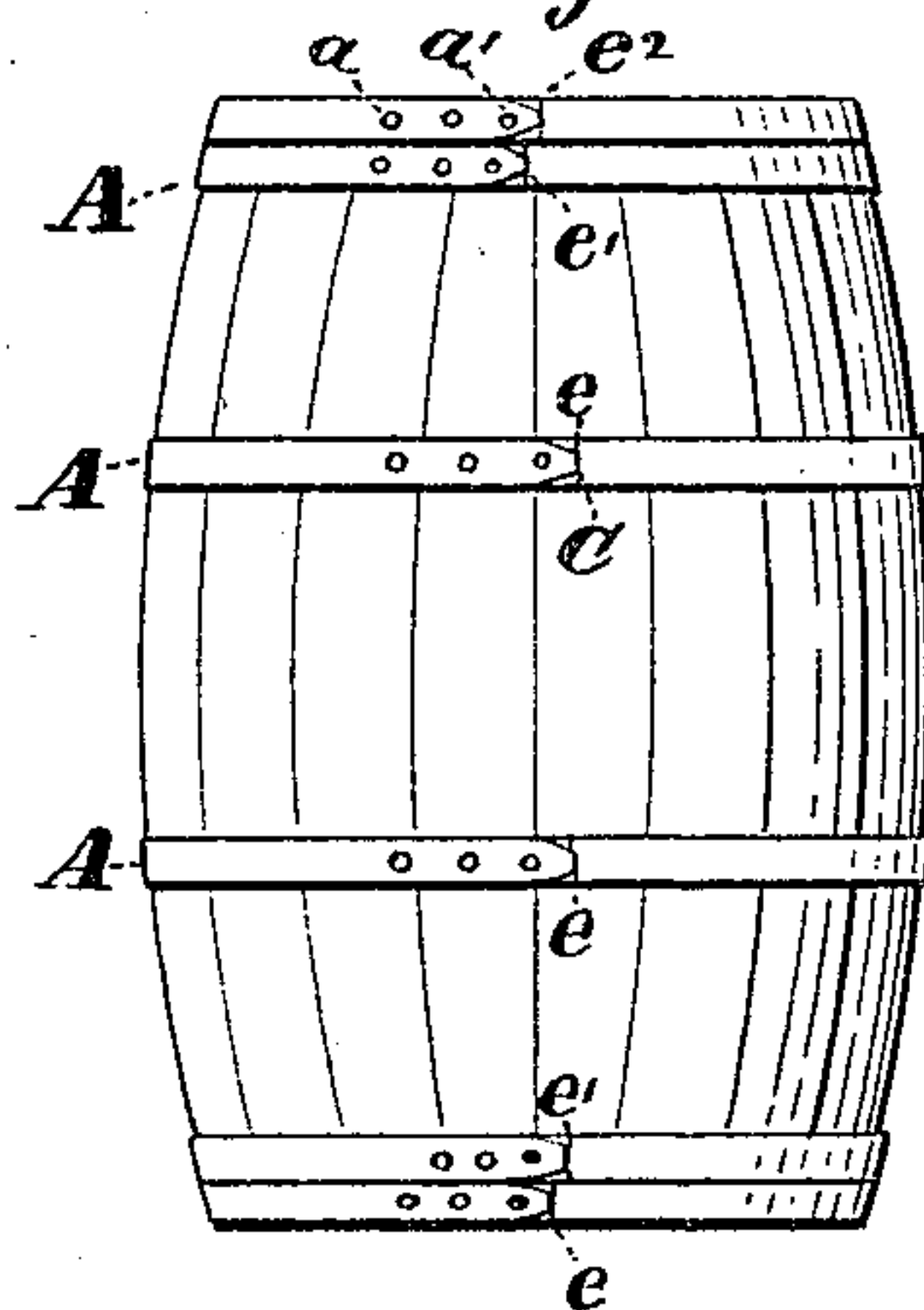


Fig. 3



Witnesses.

Amos W. Sangster,
A. J. Sangster

Inventor

John J. Burk,
By James Sangster
att.

UNITED STATES PATENT OFFICE.

JOHN J. BURK, OF BUFFALO, NEW YORK, ASSIGNOR OF ONE-HALF TO
EDWARD M. JEWETT, OF SAME PLACE.

HOOP-BLANK FOR BARRELS.

SPECIFICATION forming part of Letters Patent No. 248,572, dated October 25, 1881.

Application filed August 1, 1881. (No model.)

To all whom it may concern:

Be it known that I, JOHN J. BURK, a citizen of the United States, residing in Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Hoop-Blanks for Barrels, &c., of which the following is a specification.

The object of my invention is to produce a hoop-blank for barrels, casks, or kegs having certain marks thereon, whereby it may be readily brought to the size required and nailed or riveted so as to be fitted to the different portions of a barrel, as will be more clearly hereinafter shown by reference to the drawings, in which—

Figure 1 is a face view of a hoop-blank as it is prepared for the market. Fig. 2 represents a hoop formed and nailed ready to fit to a barrel; and Fig. 3 is a side elevation of a barrel, showing the position of the hoops thereon.

A represents an ordinary hoop-blank adapted to be nailed together when formed as shown in Figs. 1 and 2.

In Fig. 2, *aa'* represent the nails or the heads of the nails or rivets by which it is secured together. There may be more or less than the number of nails shown. The blank is provided with three marks, *e e' e²*, for indicating the size of the several hoops to be applied to a barrel.

When the hoop is formed as shown in Fig. 2 and the point C is brought to the mark *e* and then nailed together, it will form what is known

as the "quarter-hoop." (See Fig. 3, where the several hoops on a barrel are designated by the same letters.) When the end C of the hoop is brought to the mark *e'* and fastened together it will be the under-head hoop, and when secured to the mark *e²* it will be the head-hoop.

The marks *e e' e²* may be either indented or stamped into the hoop or printed thereon in any suitable way, the object being to prepare the hoops ready for the market having said marks on them, so that the cooper may put together the sizes required without the necessity of measuring and marking.

The blank is marked by placing it on an ordinary foot-press having three blunt-edged chisel-shaped tools for making all the marks at once by pressing on the foot-step, the press being provided with an ordinary gage, so as to bring the blank to the proper position to be marked; but said marks may be made in any other way, as above mentioned.

I claim as my invention—

A hoop-blank provided with marks *e e' e²* at the places where the lapping end of the blank is to be placed to form, respectively, a head, under-head, and quarter hoop, as and for the purposes described.

JOHN J. BURK.

Witnesses:

JAMES SANGSTER,
AMOS W. SANGSTER.