

(No Model.)

W. B. EAST.  
VENTILATED BARREL.

No. 601,558.

Patented Mar. 29, 1898.

Fig. 1.

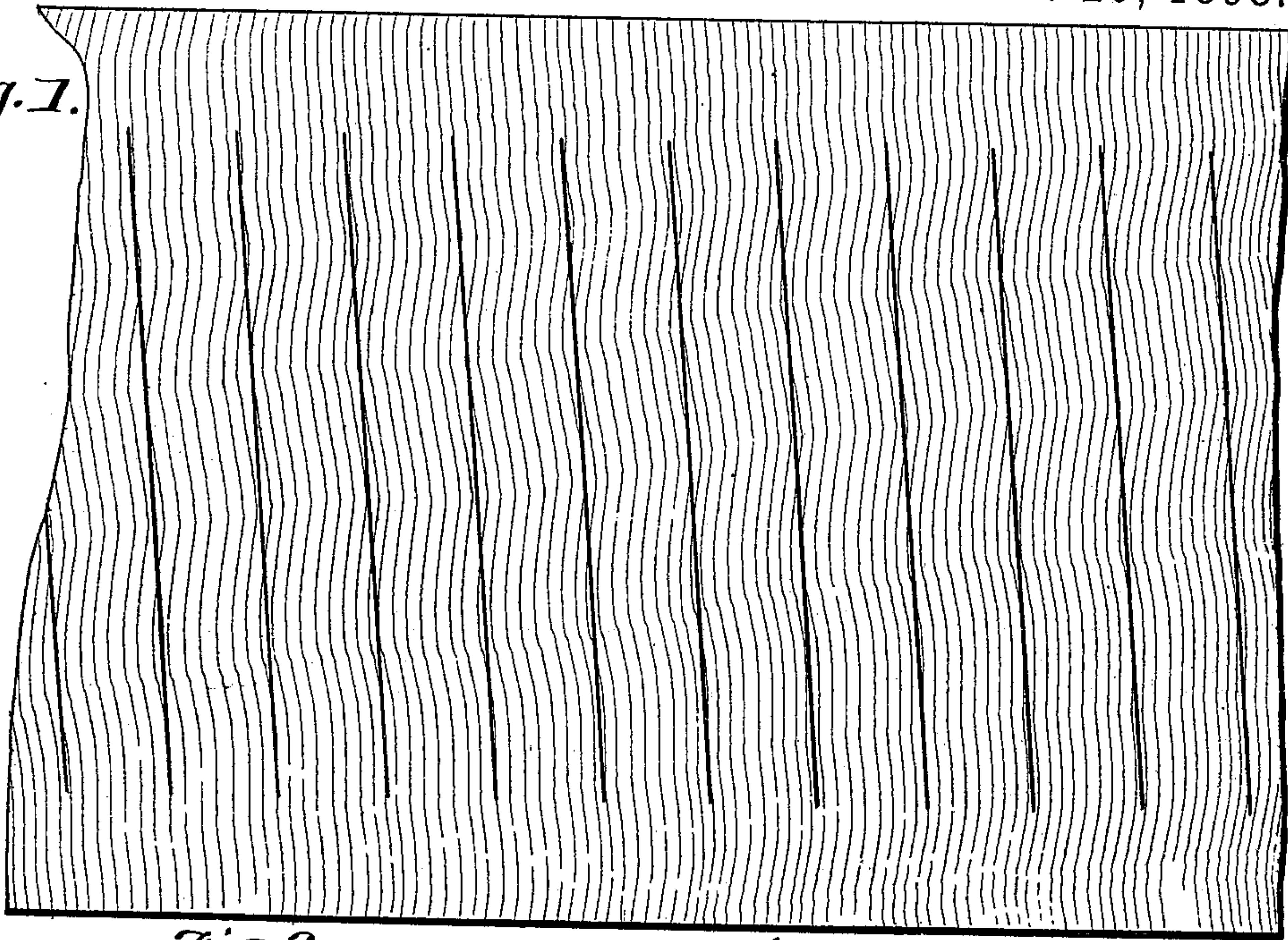
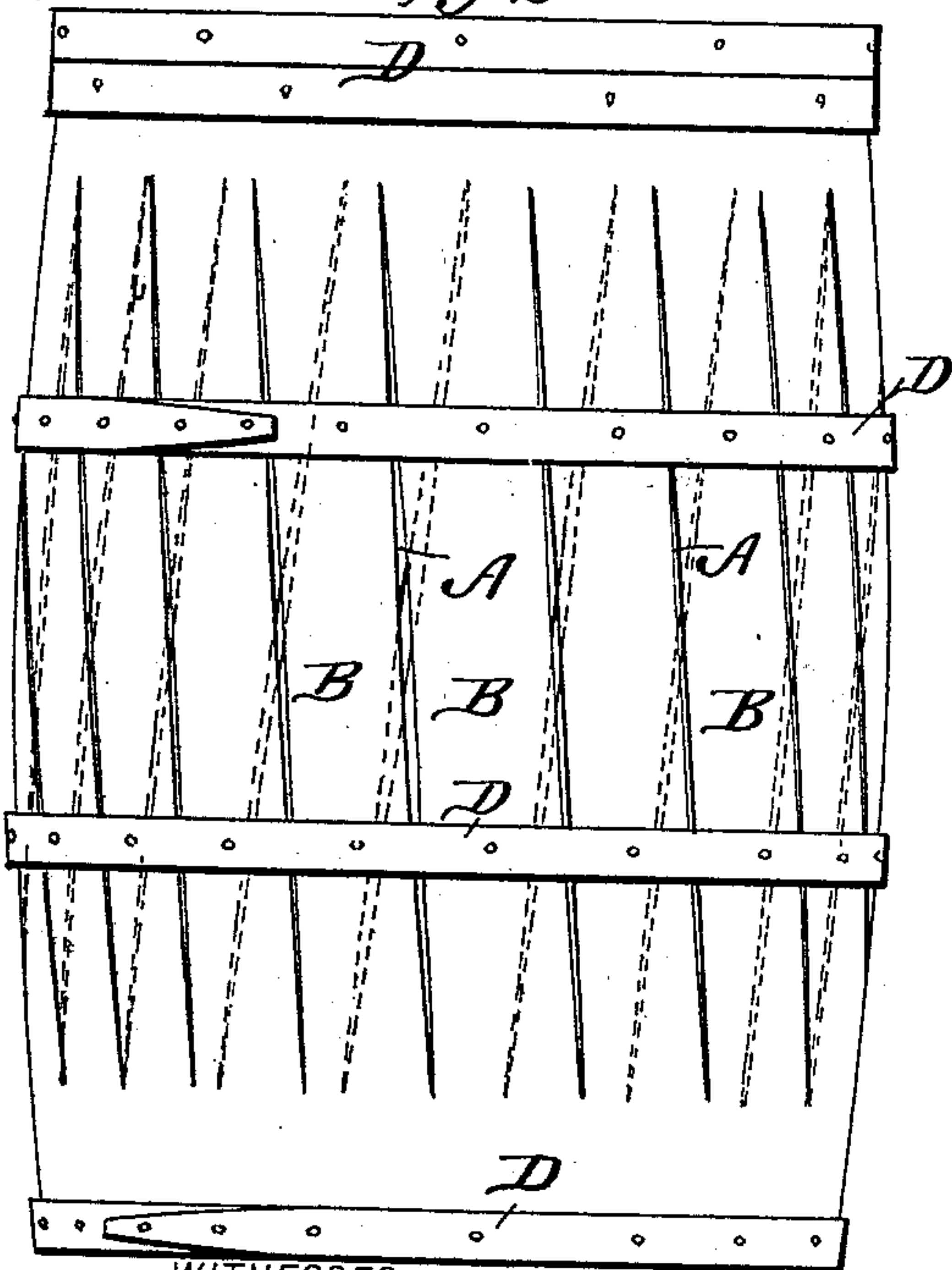


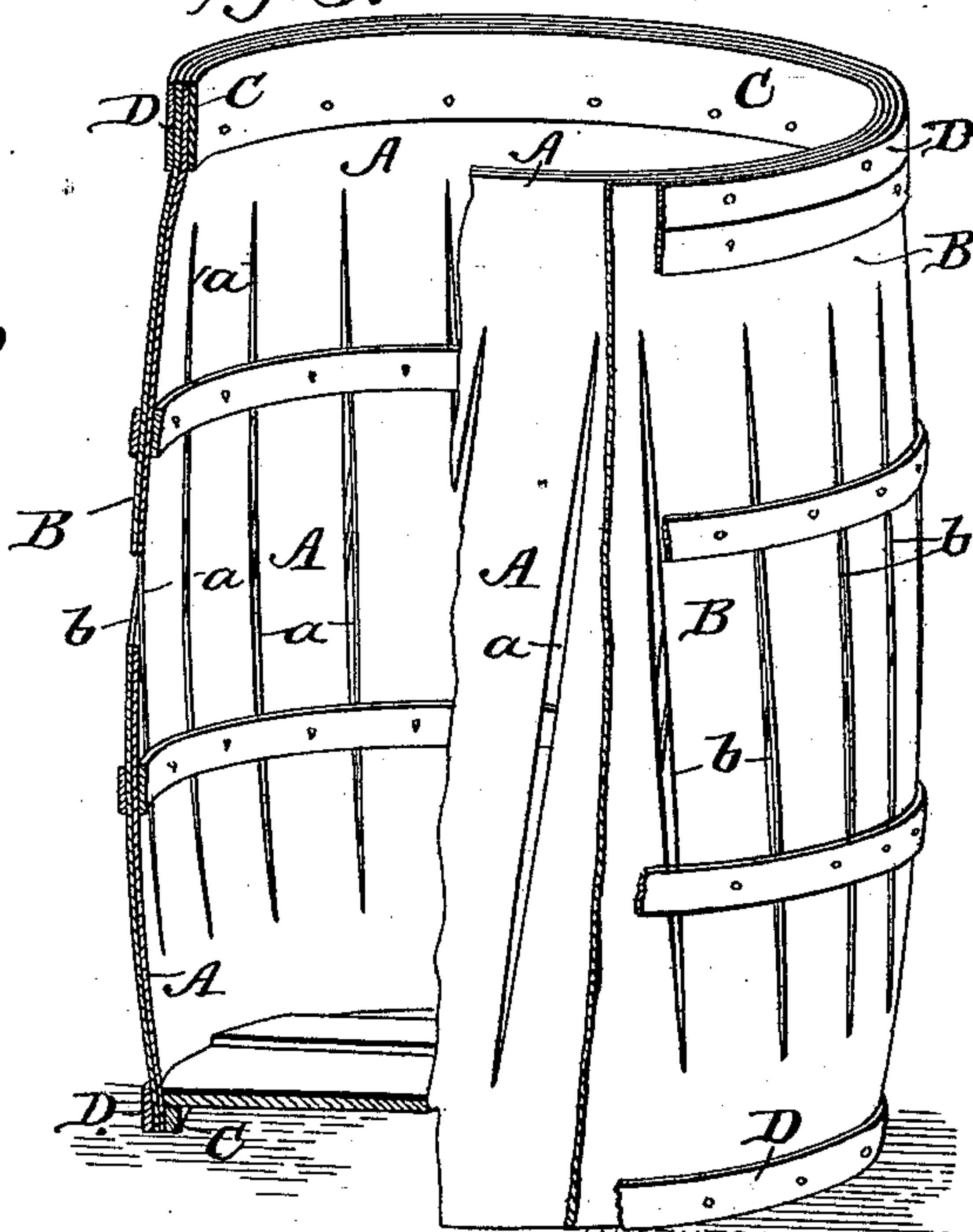
Fig. 2.



WITNESSES:

M. S. Bloudeh  
P. B. Surpin.

Fig. 3.



INVENTOR

Wilmer B. East.

BY Munn & Co.

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

WILMER B. EAST, OF NORFOLK, VIRGINIA, ASSIGNOR TO THE FARMER'S  
MANUFACTURING COMPANY, OF SAME PLACE.

## VENTILATED BARREL.

SPECIFICATION forming part of Letters Patent No. 601,558, dated March 29, 1898.

Application filed October 27, 1897. Serial No. 656,523. (No model.)

*To all whom it may concern:*

Be it known that I, WILMER B. EAST, of Norfolk, in the county of Norfolk and State of Virginia, have invented a new and useful  
5 Improvement in Ventilated Barrels, of which the following is a specification.

My invention is an improvement in ventilated barrels; and it consists in the novel construction of the veneer-blank and of the barrel, as will be hereinafter more fully described, and pointed out in the claims.  
10

In the drawings, Figure 1 is a detail face view of a part of the blank from which my barrel is made. Fig. 2 is a side view of the  
15 barrel; and Fig. 3 is a sectional perspective view of the barrel, partly broken away.

The barrel, as shown, is formed of inner and outer layers A B of veneer, which are provided with slits *a b*, extending diagonally  
20 to the direction of length of the blank, so they will, when rolled into the barrel form, range diagonally to the axis of the barrel. It is also preferred to form the veneer-blank with the slits ranging diagonally across the grain of  
25 the wood, as is indicated in the detail view of the blank in the drawings. The slits do not extend out to either edge of the blank, but such edge portions are left unsevered or continuous, the portions thus left forming the  
30 chimes of the barrel.

In forming the barrel the inner and outer layers are arranged with their slits reversed, the slits of one inclining in one direction and those of the other in the opposite direction,  
35 so the slits of one layer or sheet will cross those of the other, the barrel being thus ventilated, as desired.

At its ends the barrel is provided with inner and outer hoops C and D, and the bottom and head may be secured in any suitable  
40 manner.

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

1. A barrel or receptacle having its sides  
45 composed of inner and outer sheets provided with slits ranging diagonally to the length of the barrel and terminating at a distance from the edge of the sheet, the slits of the inner and outer sheets being reversely inclined  
50 whereby they will cross each other to secure the ventilation of the barrel substantially as described.

2. The barrel herein described composed of the inner and outer sheets provided with slits  
55 ranging diagonally the length of the sheet and crossing the grain at an incline, and terminating at a distance from the edges of the sheet leaving the latter continuous, the slits in the inner and outer layers being reversed  
60 whereby they will cross each other to secure the ventilation of the barrel substantially as described.

3. A barrel composed of inner and outer sheets provided with diagonal slits crossing  
65 each other and opened when the barrel is expanded at the center, forming ventilation at such point without impairing the strength of the barrel at the ends substantially as set forth.

WILMER B. EAST.

Witnesses:

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