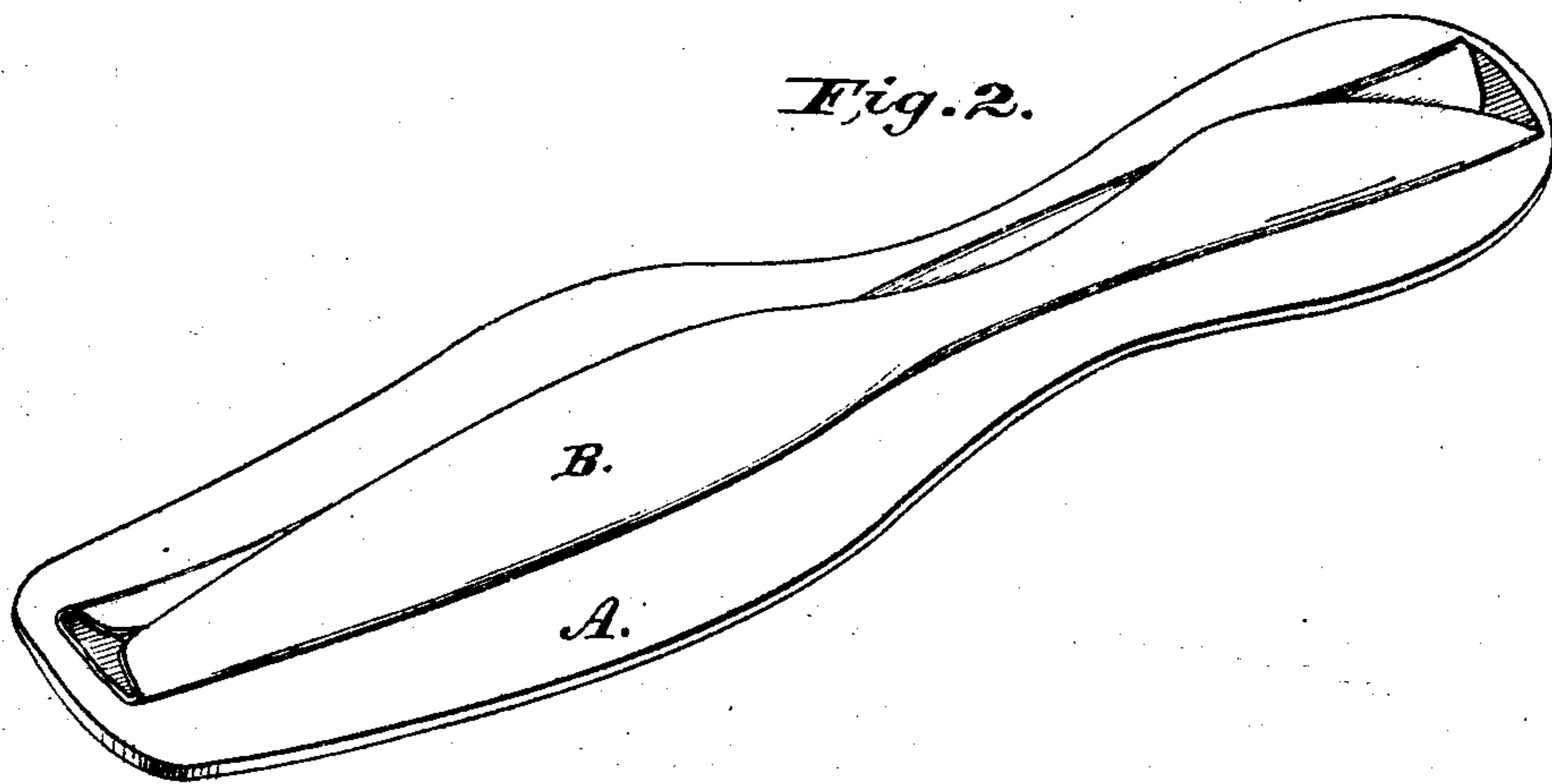
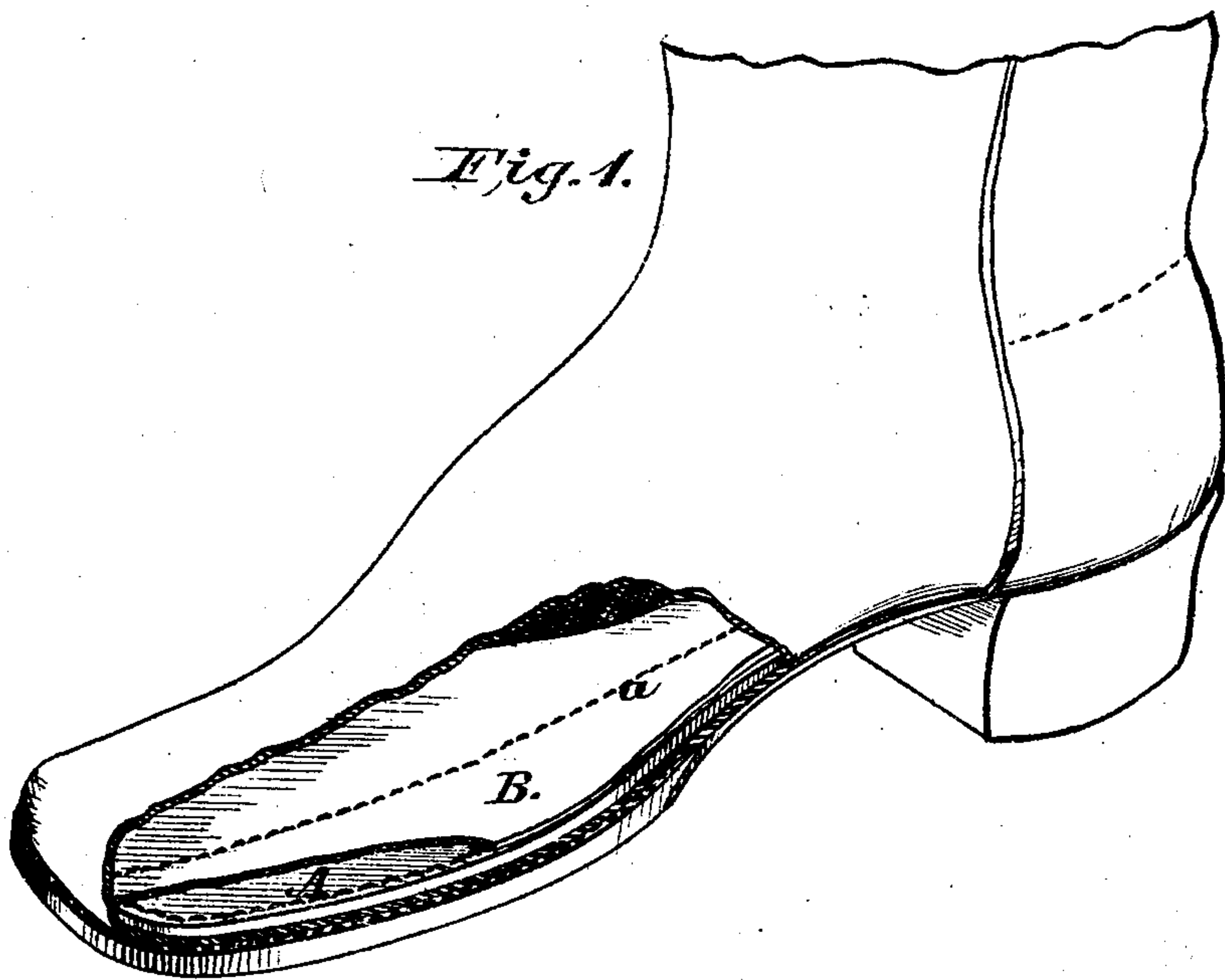


J. P. DOTY.

Inner-Soles of Boots and Shoes.

No. 146,992.

Patented Feb. 3, 1874.



Witnesses:
O. L. Perrine
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att'y.

UNITED STATES PATENT OFFICE.

JOSEPH P. DOTY, OF LYNN, MASSACHUSETTS, ASSIGNOR OF ONE-HALF HIS
RIGHT TO ALONZO C. BLETHEN, OF SAME PLACE.

IMPROVEMENT IN INNER SOLES OF BOOTS AND SHOES.

Specification forming part of Letters Patent No. **146,992**, dated February 3, 1874; application filed
January 2, 1874.

To all whom it may concern:

Be it known that I, JOSEPH P. DOTY, of Lynn, Essex county, Massachusetts, have invented an Improvement in Inner Soles of Boots and Shoes; and I do hereby declare the following to be a full and correct description of the same, reference being had to the accompanying drawings, in which—

Figure 1 represents a shoe with a part broken away, showing my improved inner sole; and Fig. 2, an inner sole prepared to be placed in a shoe or for the trade.

My invention consists in constructing the inner sole of a boot or shoe with a thin veneer of leather or other material, sewed or otherwise secured to the center line of the upper surface, leaving the outer edges loose all around and free, which are afterward to be cemented down over the stitches, pegs, nails, &c., protecting the foot and stiffening the sole.

In the drawings, A represents the inner sole, which can be made of leather, leather-board, pancake, or other material, and is to be secured in the shoe in the usual manner of making boots and shoes; and B represents an extra sole or thin veneer, secured to the sole A through the center, as at *a*, by sewing, tacking, or other means, leaving the edges all around free and loose. This extra sole can be made of thin leather, canvas, felt, or other material, and when prepared for the trade and for use

is folded together upon the sole A, as seen at Fig. 2, ready to be secured in the shoe. After the shoe is properly sewed and the sole A sewed all around in the usual manner, the thin sole or veneer B is cemented down with water-proof or other cement over the stitches, pegs, and tacks, making a smooth finish to the inside of the shoe that will not shove up, protecting the foot from the pegs and nails, and covering the stitches, as well as stiffening the sole, and, when water-proof cement is used, protecting the foot from dampness.

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

1. An inner sole of a boot or shoe provided with a thin veneer secured upon its upper surface, leaving the edges free to be placed down over the stitches, substantially as described.

2. A boot or shoe having an inner sole provided with a thin veneer stitched or otherwise secured to the middle portion of said inner sole, with the edges of said veneer cemented down over the stitches, nails, &c., of the sole, substantially as set forth.

The above specification of my said invention signed and witnessed, at Lynn, this 30th day of December, A. D. 1873.

Witnesses: JOSEPH P. DOTY.
 SAML. A. JOHNSON,
 A. C. BLETHEN.