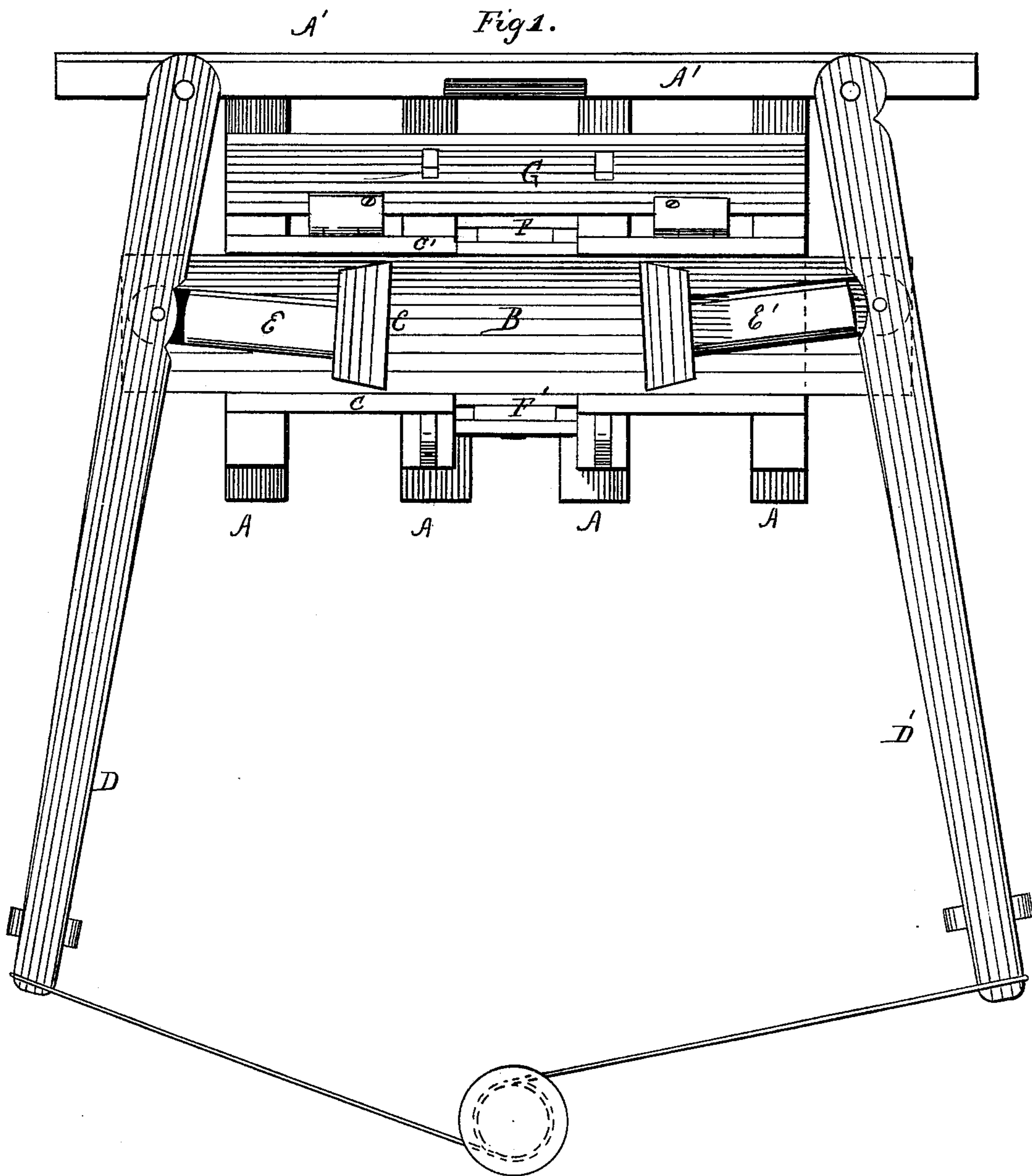


J. A. ADAMS.
COTTON-PRESS.

No. 176,257.

Patented April 18, 1876.



WITNESSES:

Parker H. Sweet, Jr.
J. M. McMill

INVENTOR.

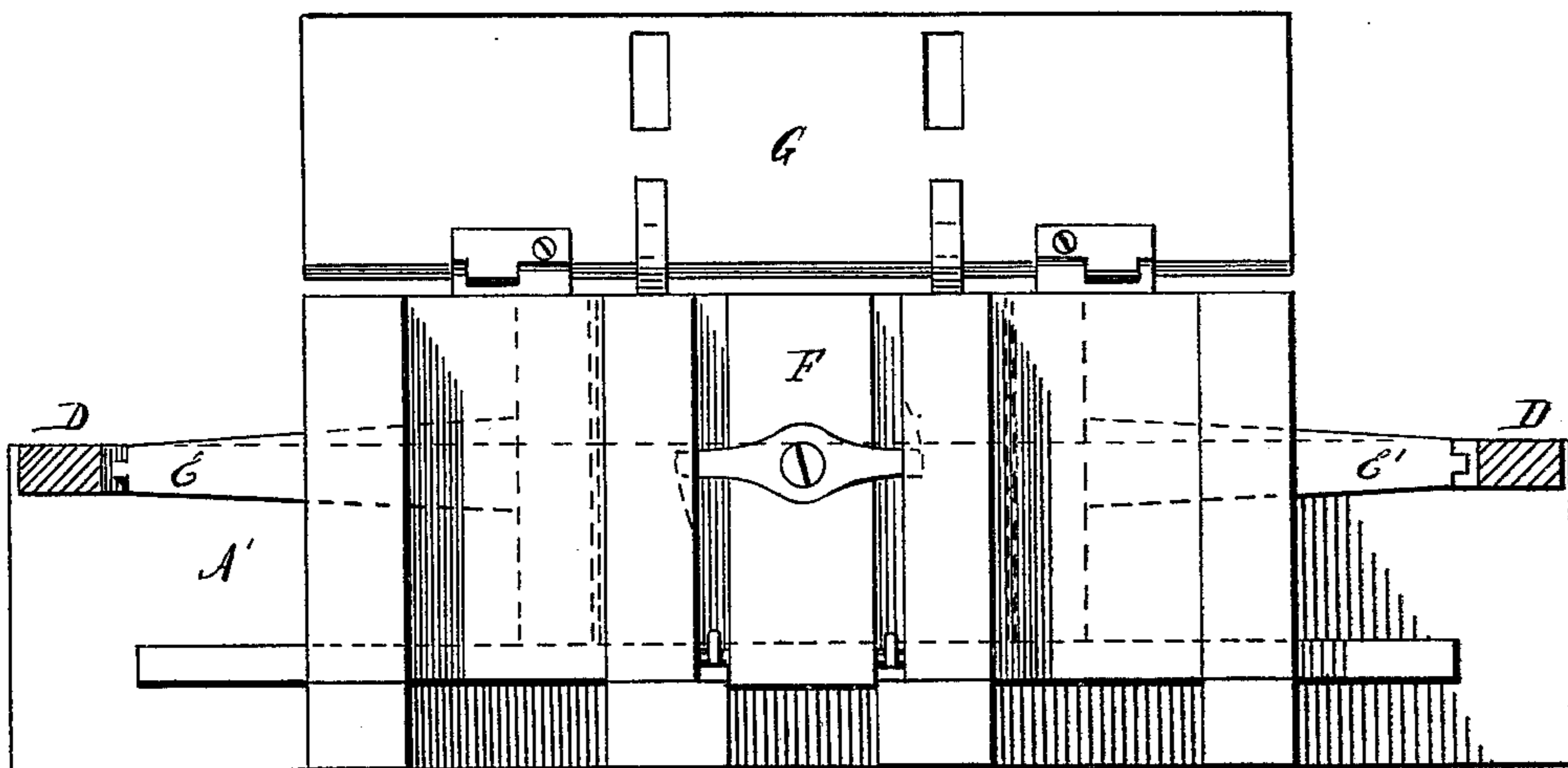
James A. Adams
per J. W. Pice
ATTORNEY.

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Fig 2.



WITNESSES:

Parker H. Sweet
J. M. McNeill

INVENTOR.

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UNITED STATES PATENT OFFICE.

JAMES A. ADAMS, OF IUKA, MISSISSIPPI.

IMPROVEMENT IN COTTON-PRESSES.

Specification forming part of Letters Patent No. **176,257**, dated April 18, 1876; application filed January 25, 1876.

To all whom it may concern:

Be it known that I, JAMES A. ADAMS, of Iuka, in the county of Tishomingo and State of Mississippi, have invented certain new and useful Improvements in Cotton-Press; 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 which it appertains to make and use the same, reference being had to the accompanying drawings and to the letters of reference marked thereon, which form a part of this specification.

Referring to the drawings, Figure 1 is a top plan view of my improved invention. Fig. 2 is a front elevation of the same.

Similar letters of reference occurring on the several figures indicate like parts.

A A' represent the frame-work upon which the press B is attached, said press being composed of a solid floor and two side walls, C C'. To the rear frame A' are pivoted two levers, D D', one on each end of the press, as fully shown in Fig. 1. To these levers are pivoted followers E E', which form the movable end walls of the press B. The side walls C C' of the press are provided with hinged doors F F', opposite to each other, the top of the press being also provided with a hinged cover, G, extending the entire length of the press.

The details of construction of my invention being as hereinbefore described, I will now proceed to describe the operation of the same.

The hinged cover G, when thrown open, forms a chute to convey the cotton from the gin-room to the press below until a sufficient quantity has accumulated therein. The cover

is then closed over the press, and the levers D D' brought toward each other by the windlass and ropes, as illustrated in Fig. 1, thus forcing the pivoted followers E E' into and toward the center of the press, compressing the cotton contained therein in a compact bale, without the necessity of tramping the cotton, as is now the custom in the ordinary means of baling the same, or of conveying it by hand, or otherwise, to the press. When the bale is of a sufficient size the bale-ties may be secured, and the bale allowed to drop through the side door F'.

The advantage of my improved construction will be readily apparent, inasmuch as the labor of transporting the cotton is done away with, and the great amount of pressure requisite for compressing the cotton into a bale is supplied by means of the long pivoted levers, actuated by the windlass and ropes.

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

The hereinbefore-described cotton-press, consisting of the side walls C C', hinged doors F F', hinged door G, levers D D', followers E E', and frame-work A A, said frame-work and levers being fastened to the rear frame A', all being constructed and arranged substantially as set forth.

In testimony that I claim the foregoing as my own, I affix my signature in presence of two witnesses.

JAMES ALIEN ADAMS.

Witnesses:

J. W. THORN,

J. W. WOOD.