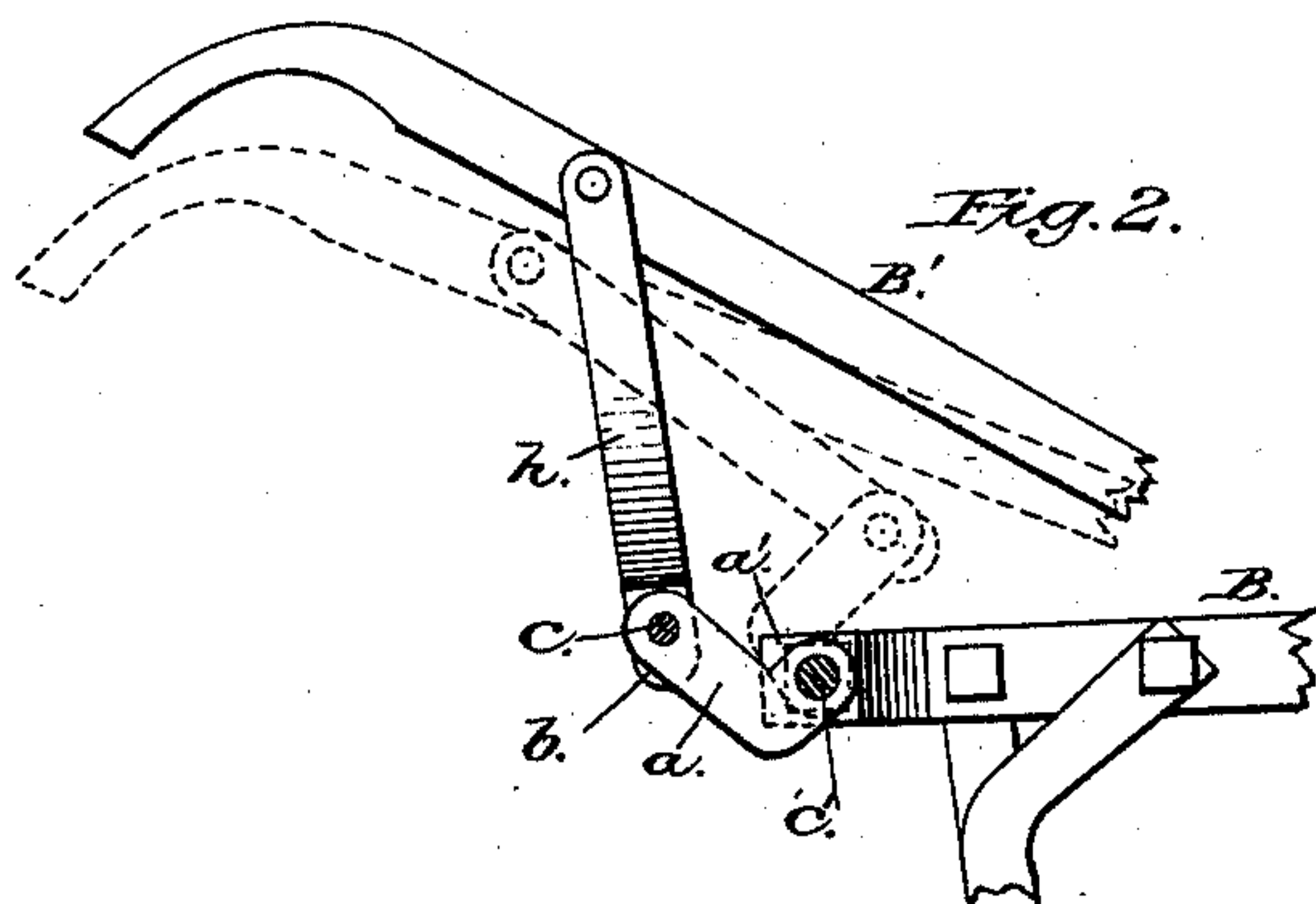
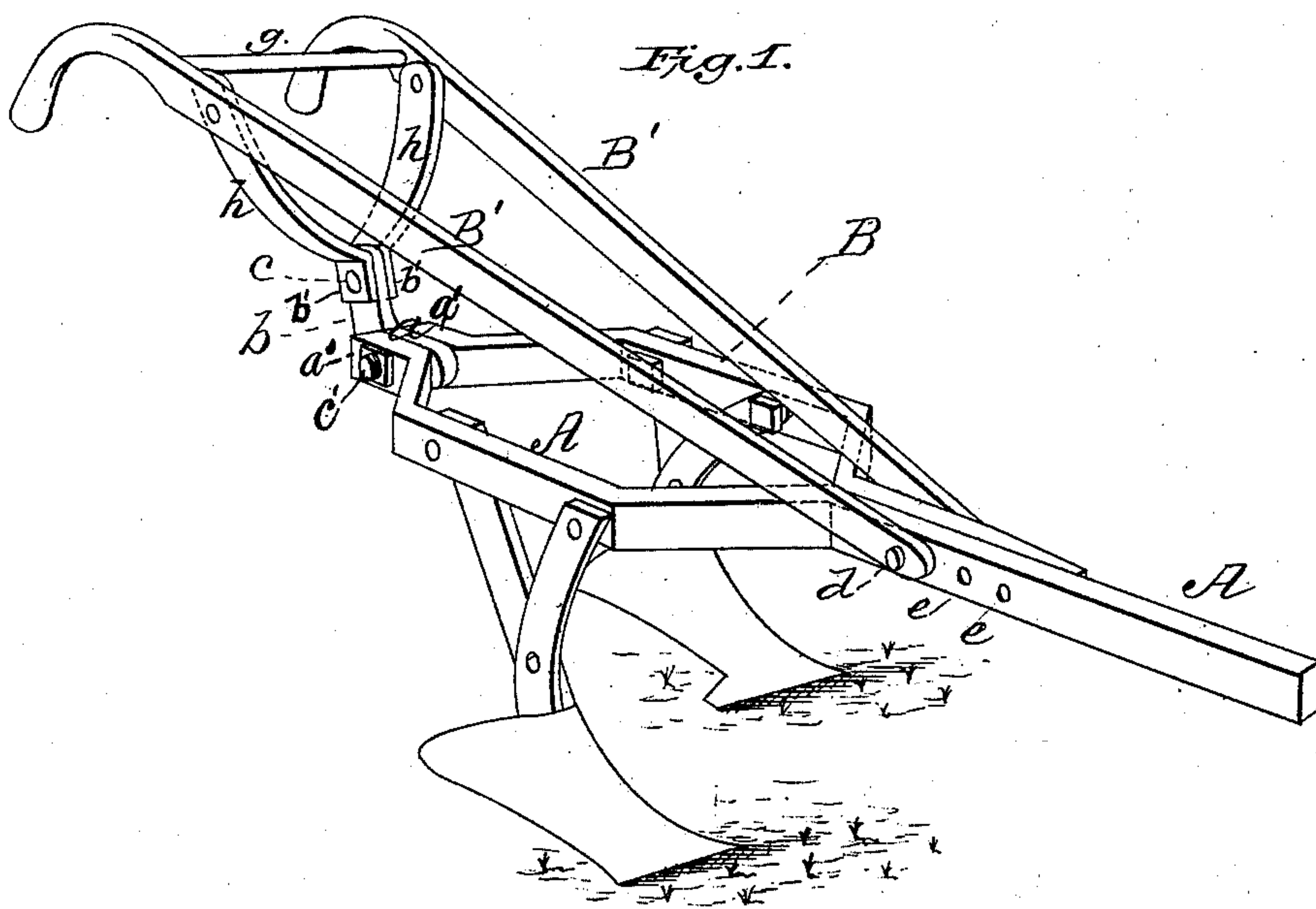


G. W. PETERSON.  
Cultivator.

No. 216,449.

Patented June 10, 1879.



WITNESSES

*John A. Ellis*  
*F. J. Massi*

INVENTOR

*George W. Peterson,*  
*by E. W. Anderson*  
*his* ATTORNEY

# UNITED STATES PATENT OFFICE.

GEORGE W. PETERSON, OF OXFORD, ALABAMA.

## IMPROVEMENT IN CULTIVATORS.

Specification forming part of Letters Patent No. **216,449**, dated June 10, 1879; application filed March 20, 1879.

*To all whom it may concern:*

Be it known that I, GEORGE W. PETERSON, of Oxford, in the county of Calhoun and State of Alabama, have invented a new and valuable Improvement in Cultivators; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a perspective view of my improved cultivator; and Fig. 2 is a detail view, showing the plow-handles adjusted to different positions by means of the link.

This invention has relation to improvements in cultivators; and the nature of the invention consists in the construction and novel arrangement of a pivoted elbow-link with the handles, braces, and frame of a cultivator, as hereinafter shown and described.

In the accompanying drawings, the letter A designates the main draft-frame, bent outward in rear to receive the shovel-standard and brace; and B represents its fellow, similarly bent, but in the opposite direction. These two frames therefore form a loop-frame, the rear ends of which are flanged at *a a'*, and between said flanges a recess, *a*, is adapted to receive a swinging elbow-link, *b*, of angular form, which is pivoted to the flanges by means of a bolt, *c'*, which passes through the flanges *a* and the lower portion of said link, and by screwing up the nut upon bolt *c'* the handles and braces are firmly secured in position after adjustment.

B' B' indicate the handles, the forward ends of which are connected to the frames A B by means of a bolt, *d*, and a series of perforations,

*e*. In rear the handles are braced by a transverse round, *g*, and downwardly-extending bent braces or connections *h*, having on their lower ends flanges *b'*, between which the longer arm of the link *b* is pivoted by means of a bolt, *c*.

Thus it will be seen that the link *b* is pivoted at both ends, but may be rigidly secured at its lower end by screwing up the nut upon the bolt *c'*, so as to secure the parts firmly in place. By loosening bolt *c'* and removing bolt *d* the forward ends of the handles may be adjusted to any one of the series of the holes *e* and the link *b* moved forward or backward, and then, by replacing bolt *d* and screwing up the nut upon bolt *c'*, the handles and braces may be secured in any desired position.

The link *b* may be adjusted independent of the adjustment of the forward ends of the handles, so as to adapt the latter to the height of the plowman.

I claim—

A cultivator having the bent loop-beams A B, perforated in front and having their faces flush with each other, and provided on their rear ends with flanges *a' a'*, adapted to receive one end of the adjustable pivoted elbow-link *b*, the other end of said link pivoted to the bent flanged braces *h h*, said braces engaging the upper ends of the handles B' B', and the lower ends of said handles being adjusted to said beams A B by means of the adjustable bolt *d*, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

GEORGE WASHINGTON PETERSON.

Witnesses:

THOS. K. TROTTER,

E. G. ROBERTSON.