

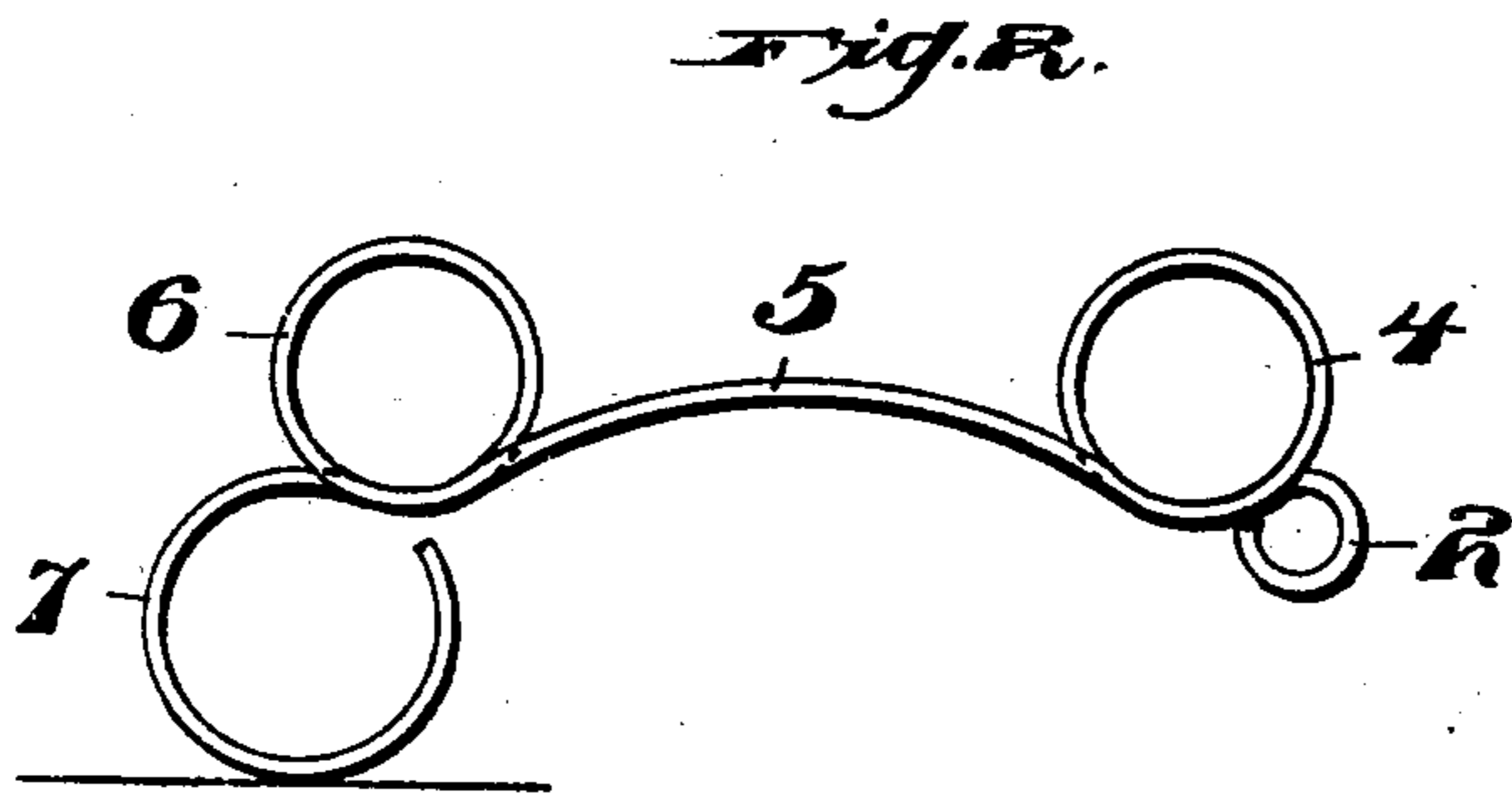
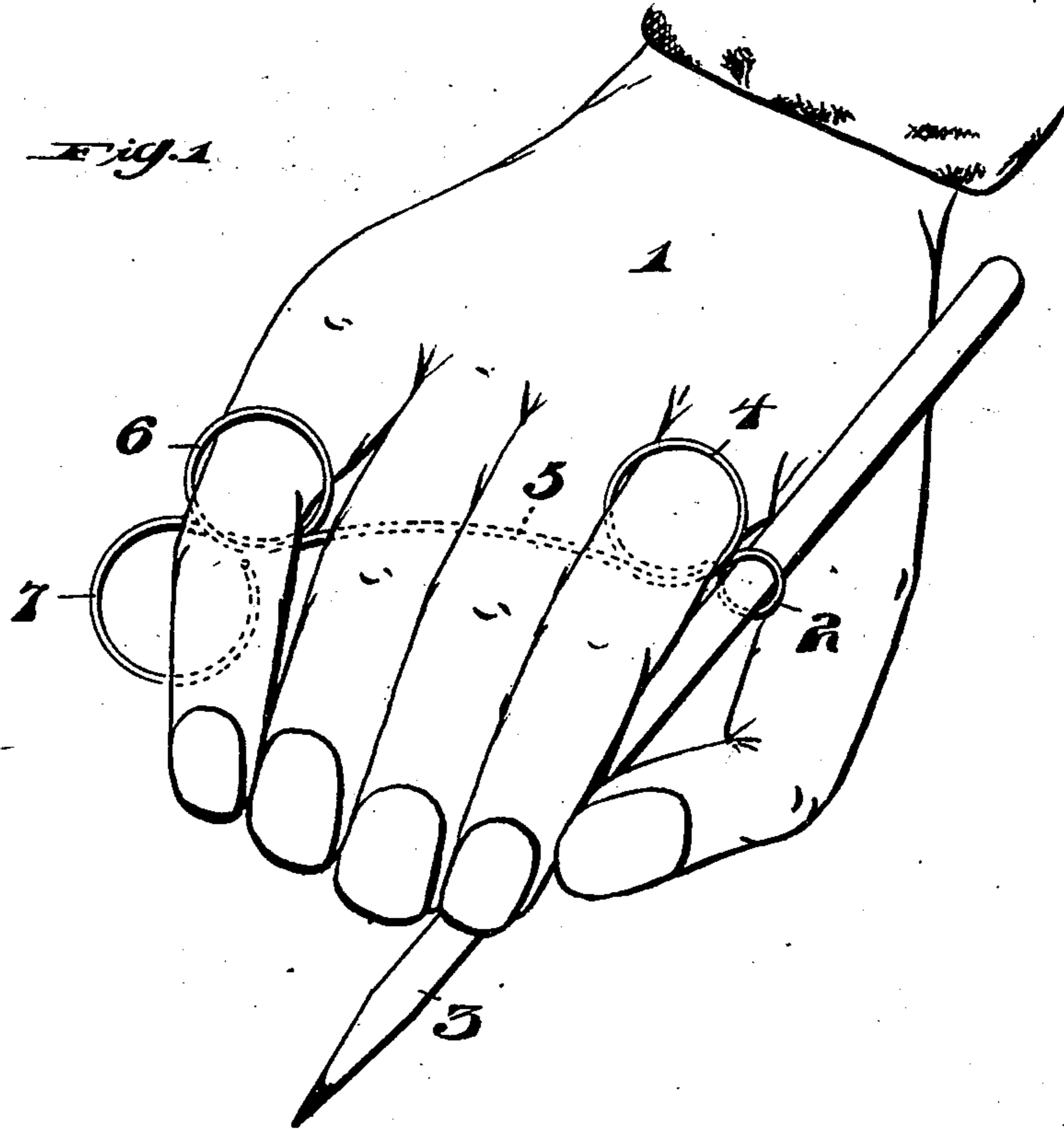
No. 665,561.

Patented Jan. 8, 1901.

A. B. ANDERSON.
CHIROGRAPH.

(Application filed Apr. 17, 1900.)

(No Model.)



WITNESSES:

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ALBERT B. ANDERSON, OF ELIZABETH, PENNSYLVANIA.

CHIROGRAPH.

SPECIFICATION forming part of Letters Patent No. 665,561, dated January 8, 1901.

Application filed April 17, 1900. Serial No. 13,212. (No model.)

To all whom it may concern:

Be it known that I, ALBERT B. ANDERSON, a citizen of the United States of America, residing at Elizabeth, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Chirographs, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in chirographs, and it is particularly adapted for use in positioning and supporting the hand when writing, so that it will permit of obtaining the three move-
15 ments necessary in penmanship, which are the finger movement, the muscular or forearm movement, and the whole-arm movement used for scroll and engrossing work, and is further adapted to assist in obtaining the
20 proper position of the hand to enable the scholar to write in the proper manner as called for by the various movements; and to this end the invention has for its object to construct a chirograph which will be ex-
25 tremely simple in its construction, strong, durable, efficient in its use, and comparatively inexpensive to manufacture.

With the above and other objects in view the invention finally consists in the novel
30 construction, combination, and arrangement of parts to be hereinafter more fully described, and specifically pointed out in the claim.

In describing the invention in detail reference is had to the accompanying drawings,
35 forming a part of this specification, and wherein like numerals of reference indicate corresponding parts throughout both views, in which—

40 Figure 1 is a perspective view of a hand, showing my improved chirograph as attached thereto in position for use. Fig. 2 is a front view of my improved chirograph.

45 In the drawings I have shown the hand 1 with my improved chirograph mounted thereon and the pencil in position for use. The chirograph is formed from a single piece of wire bent at one end to form an eye 2, which is adapted to receive the pencil 3, and at its other end the wire is bent into a supporting-

loop 7, which has a slight spring action by 50 reason of its free end not being brought into contact with the wire. Adjacent to the eye 2 the wire is coiled helically to form an eye 4, which is adapted to receive the index-finger, and adjacent to the supporting-loop 7 55 the wire is similarly coiled to form an eye 6 for the reception of the fourth finger of the hand. These two eyes are connected by the cross-bar 5, which is slightly bowed or curved upwardly to properly conform to the hand. 60

The mode of using will be readily apparent, the index-finger being inserted in the eye 4 and the fourth finger in the eye 6, with the cross-bar 5 lying under the fingers and the supporting-loop 7 resting upon the paper or table. 65 The pencil is placed in the eye 2 and properly positioned between the ball of the thumb and front or index finger.

It is thought that the many advantages of my improved chirograph can be readily un- 70 derstood from the foregoing description, taken in connection with the accompanying drawings, and it will be noted that various changes may be made in the details of construction without departing from the general spirit of 75 my invention.

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

As a new article of manufacture, a chiro- 80 graph which is formed from a single piece of wire having one extremity formed into a pencil-receiving eye 2 and the other extremity formed into a spring supporting-loop 7, the wire being coiled adjacent to said eye and 85 loop to form finger-receiving eyes 4, 6, adapted to respectively receive the index and the fourth finger of the hand and connected by a curved cross-bar 5 adapted to lie underneath and conform to the curvature of the 90 fingers when the device is in position on the hand, substantially as described.

In testimony whereof I affix my signature in the presence of two witnesses.

ALBERT B. ANDERSON.

Witnesses:

JOHN NOLAND,
J. P. BROWNLEE.