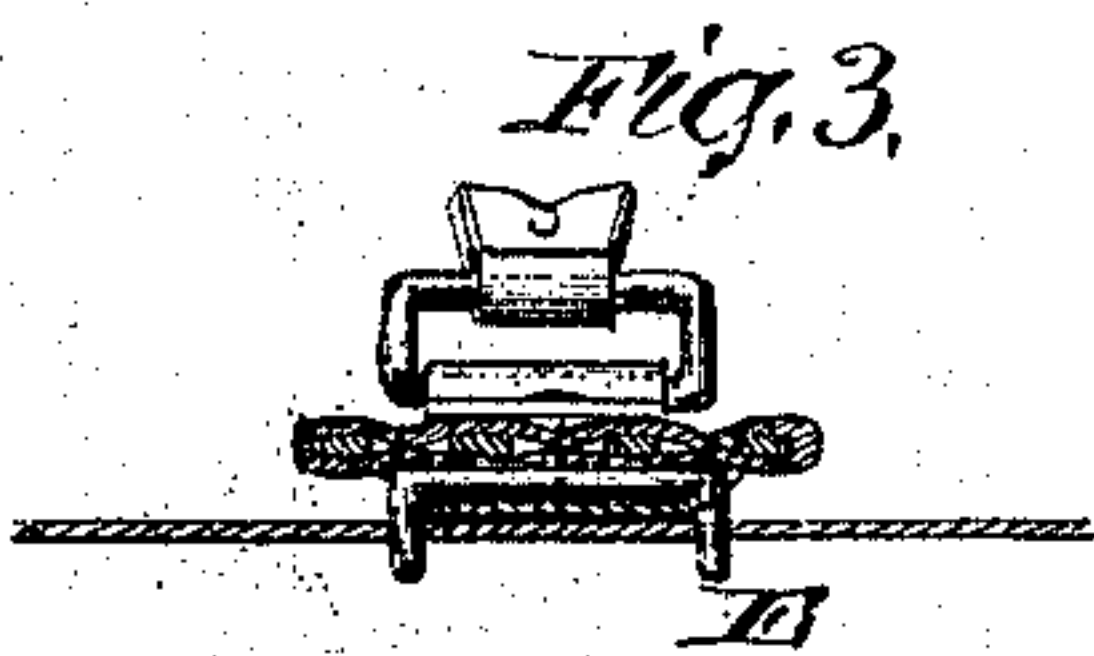
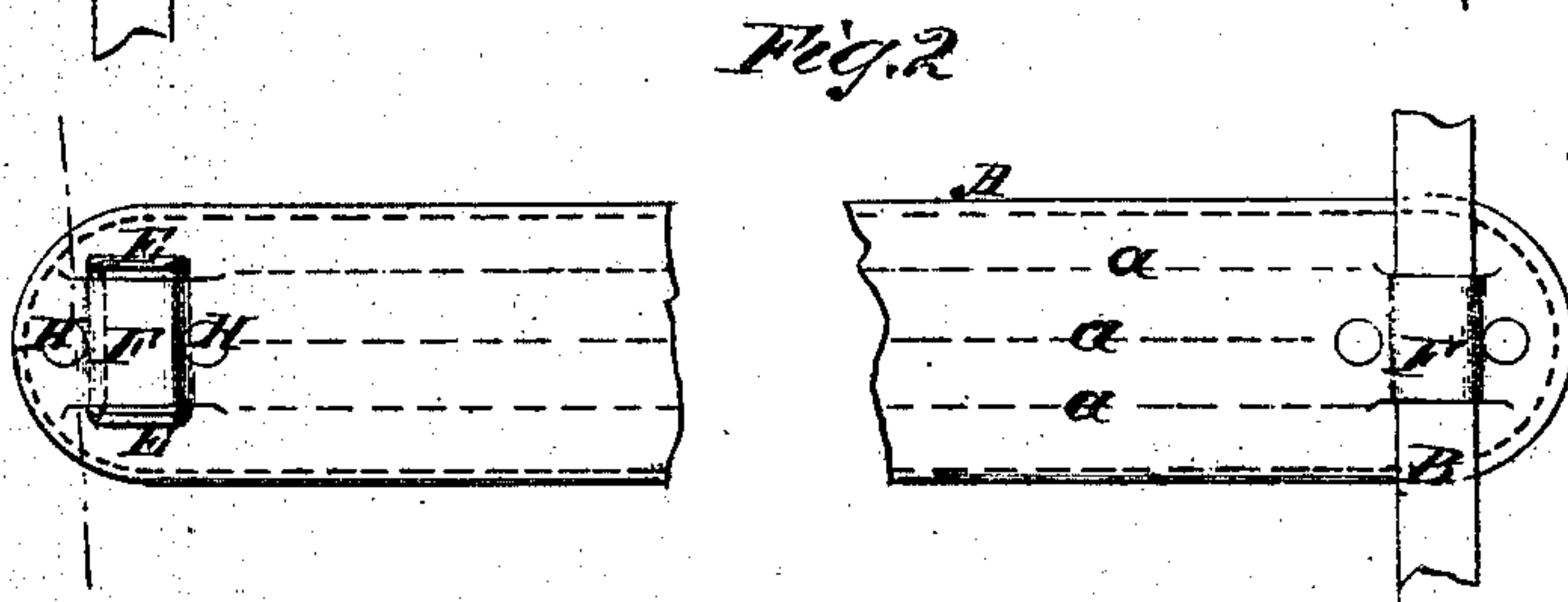
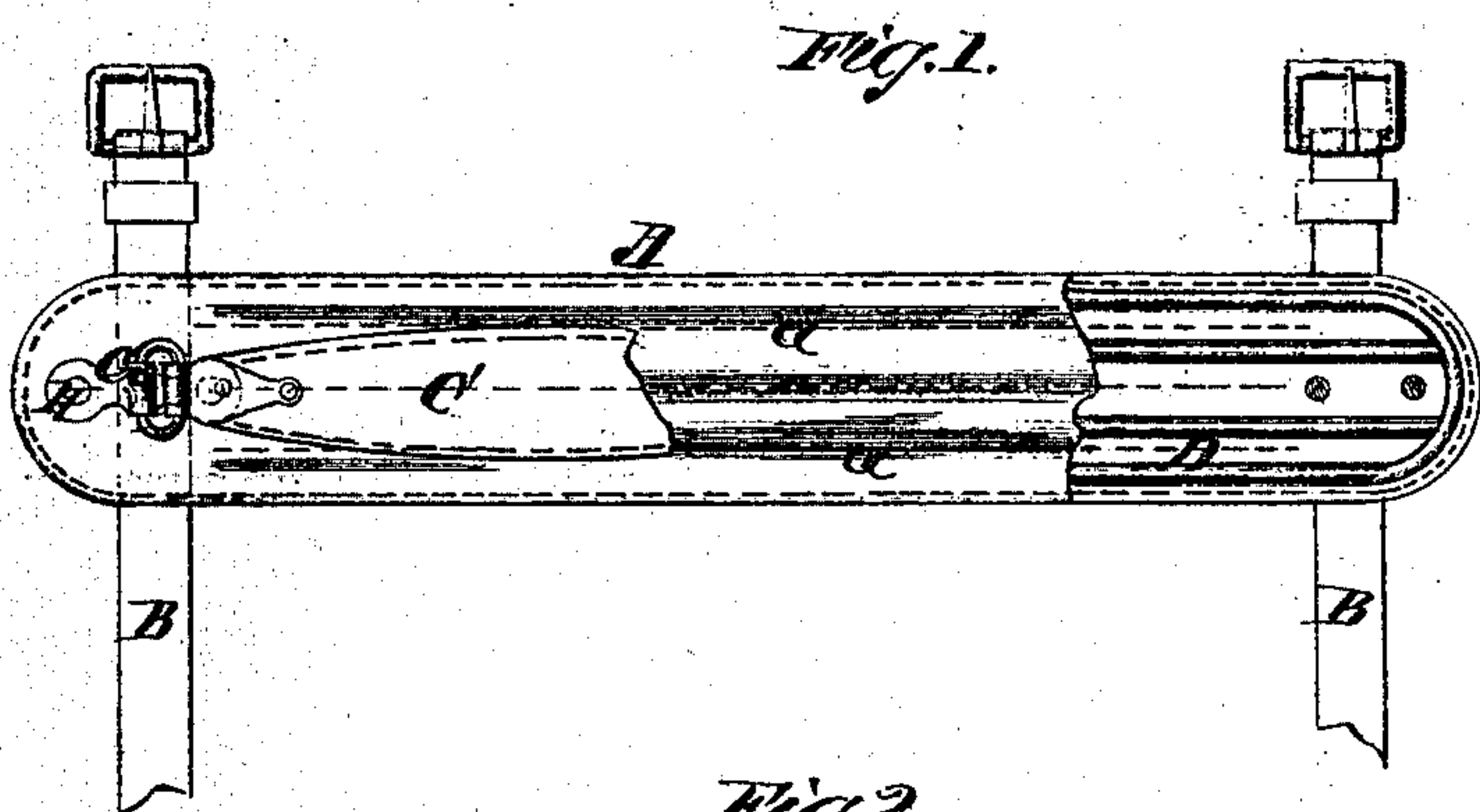


*G. B. Broad,*

*Shawl Strap.*

*No. 105416.*

*Patented July 19, 1870.*



**Witnesses:**

*John. Precher.*  
*Geo. N. Mabey*

**Inventor:**

*G. B. Broad*  
**PER** *Munn & Co.*  
**Attorneys.**



# United States Patent Office.

GUSTAVUS B. BROAD, OF WATERVILLE, MAINE.

*Letters Patent No. 105,416, dated July 19, 1870.*

## IMPROVEMENT IN SHAWL-STRAPS.

The Schedule referred to in these Letters Patent and making part of the same

*To all whom it may concern :*

Be it known that I, GUSTAVUS B. BROAD, of Waterville, in the county of Kennebec and State of Maine, have invented a new and useful Improvement in Shawl-Straps; 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 make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in the straps used for securing shawls and other like articles in small bundles, and carrying them by the hand; and consists in a combination with the strap to which the handle and the binding straps are connected, of a wire frame for stiffening and strengthening it, the said frame being stitched between the upper and lower layers of the said strap, which is made of two parts or layers.

The invention also consists in an improved way of attaching the binding-straps to the other by metallic loops, all as hereinafter described.

Figure 1 is a top view of my improved shawl-strap, a part being sectional;

Figure 2 is a plan of the bottom of the same;

Figure 3 is a cross-section on the line *xx* of fig. 2; and

Figure 4 is an end view.

Similar letters of reference indicate corresponding parts.

A is the strap which the binding-straps B and the handle C are attached to. It is made in two layers or thicknesses of leather, stitched together at the edges.

D is the wire frame, which I combine with it for strengthening it.

This frame is composed of one piece of round or flat wire, bent around and joined at the ends, and one or more intermediate wires attached to the ends, the

whole forming a figure corresponding to the outline of the strap A, but sufficiently smaller to fit snugly into the same when stitched together at the edges, except at one end, which, being left open for inserting the said frame, is then stitched up; then the two parts of the strap are stitched between the intermediate wires on the lines *a*, which so binds them on the stiffening-frame as to make the whole very strong.

For attaching the binding-straps B to this strap, I use wire loops, E, inserted between the two layers through slots in the lower one, forming a loop, F, of the latter, as shown in fig. 2.

Then I arrange the clips G, by which the handles are attached, so that the rivets H, used to secure them, will pass close by the sides of these loops and bind the leather firmly against them when riveted down.

The ends of these wire loops project downward perpendicularly to the parts which pass through the leather loops F, so that the binding-straps passing through them pass outside of the strap A.

In other cases, for cheaper articles, the binding-strap may be passed directly through the loops F, the wire loops E not being used.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

1. The improved stiffening wire frame D for shawl straps, formed of an outline wire and two intermediate longitudinal strips, of a size and shape corresponding to the strap, as shown in fig. 1 of drawing.

2. The wire loops E in a shawl-strap, combined with the loops F, for the purpose specified.

GUSTAVUS B. BROAD.

Witnesses:

EPH. MAXHAM,

SAMUEL M. NEWHALL.