

H. M. BEECHER.
THILL COUPLING.

No. 79,891.

Patented July 14. 1868.

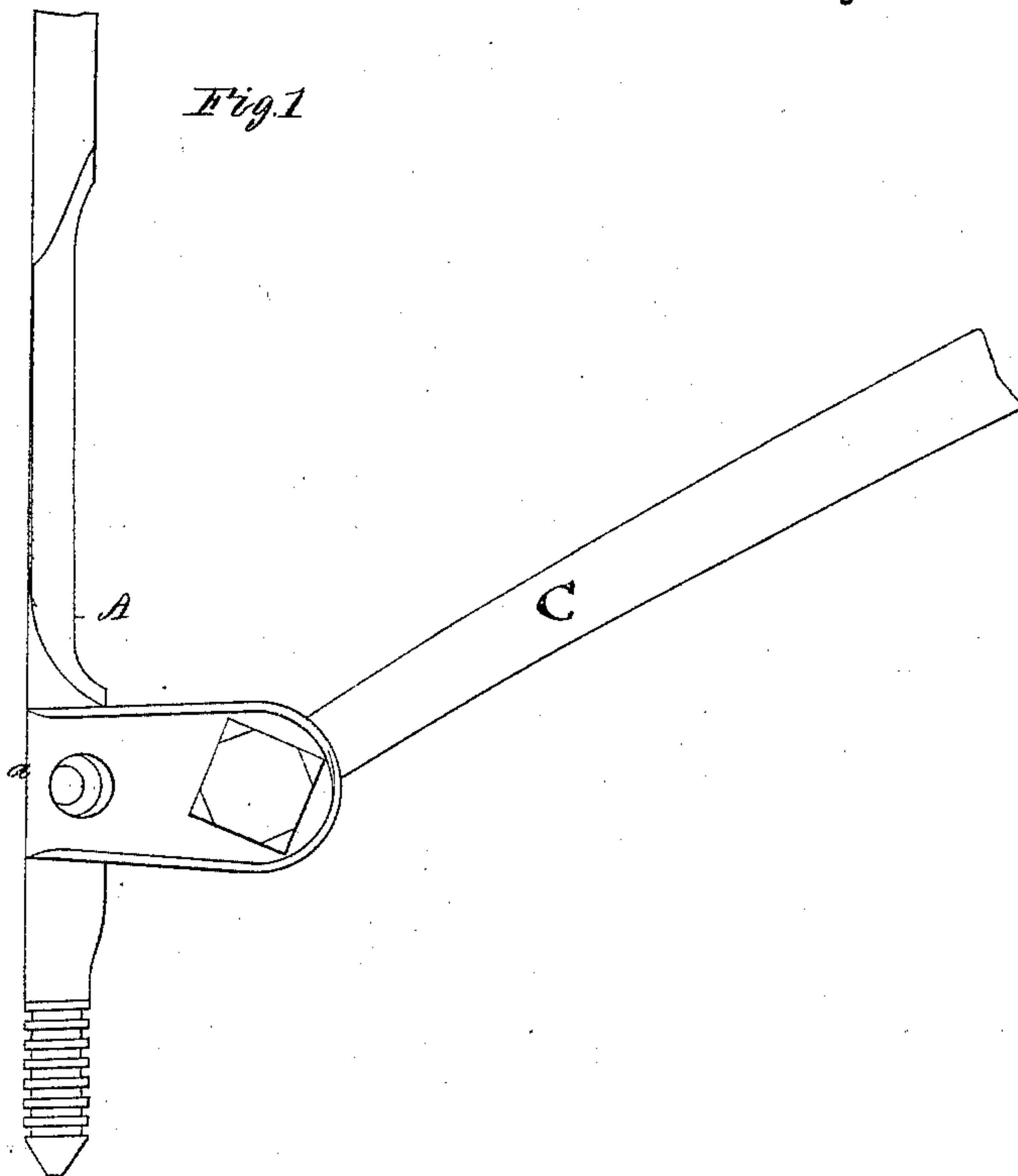
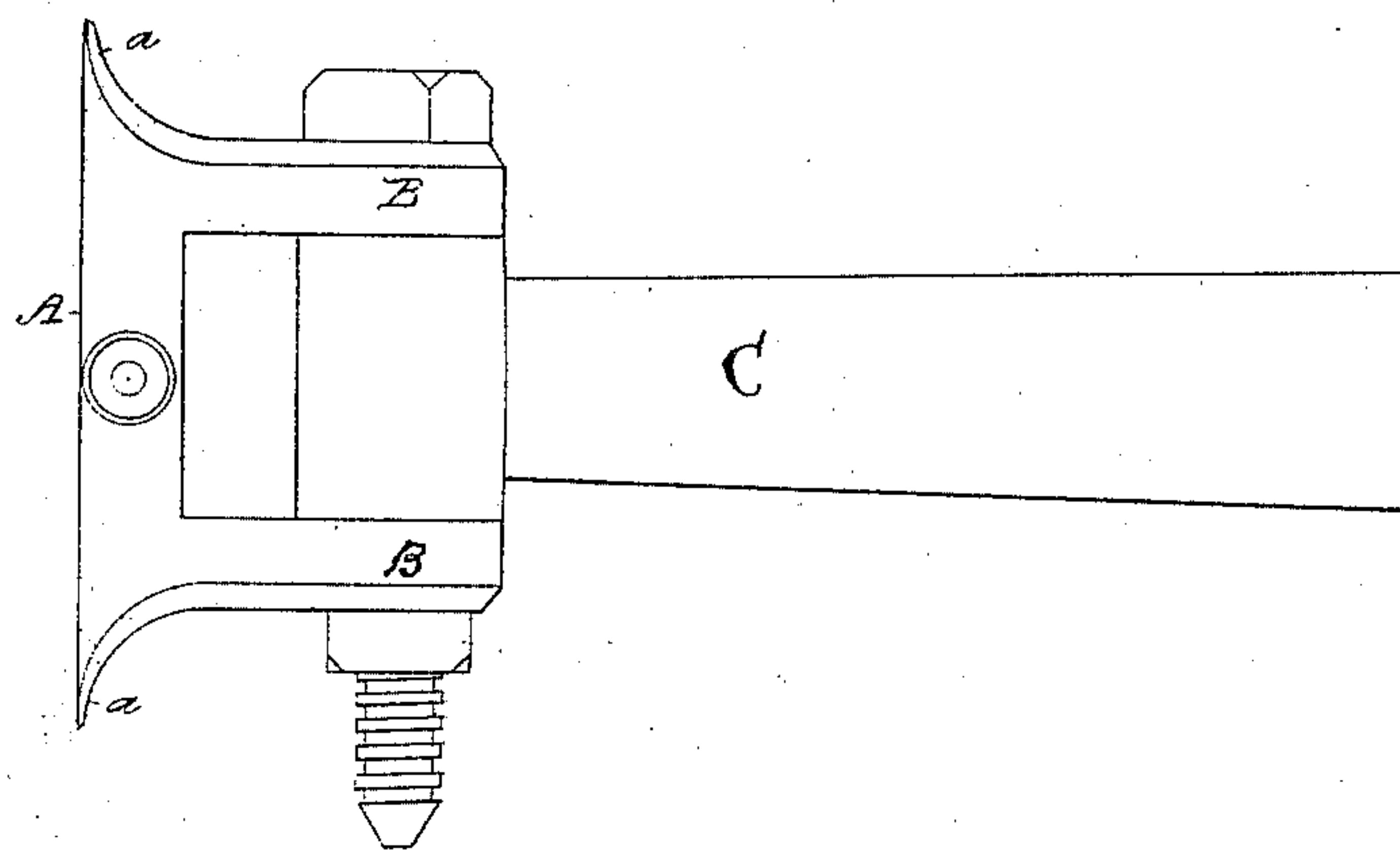


Fig. 2.



Witnesses

J. W. Piper
J. R. Snow

Henry M Beecher

by his attorney

R. W. Wadley

United States Patent Office.

HENRY M. BEECHER, OF PLANTSVILLE, CONNECTICUT, ASSIGNOR TO H. D. SMITH AND COMPANY, OF SAME PLACE.

Letters Patent No. 79,891, dated July 14, 1868.

IMPROVEMENT IN THILL-COUPLING.

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

TO ALL PERSONS TO WHOM THESE PRESENTS MAY COME:

Be it known that I, HENRY M. BEECHER, of Plantsville, in the county of Hartford, and State of Connecticut, have invented a new and useful Improvement in Carriage-Shaft Couplings; and do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a side elevation, and

Figure 2 a front end view of a shaft-coupling provided with my improvement, which consists in providing its hinge-connection at its base with lips or projections, to extend laterally from it, and increase the bearing-surface of the base, and receive bolts or screws, to go into the part of the carriage on which the base is to rest.

In the drawings, the hinge-connection is shown at A, as connecting the two parts B C of the coupling, they being in the form which they have as the coupling is made for sale to carriage-makers.

The hinge-connection, instead of being formed in the ordinary way, I make with the curved lips *a a*, to extend from it, at its base, in opposite directions. Holes to receive screws may be made obliquely through these projections or lips *a a*, such screws being to hold the base from rising or being moved laterally on the bar on which it is supported when applied to a carriage.

I claim the improved shaft-connection, as made with the lips *a a* to its base, and in other respects, substantially as described and represented.

HENRY M. BEECHER.

Witnesses:

SIMEON H. NORTON,
SARAH E. NORTON.