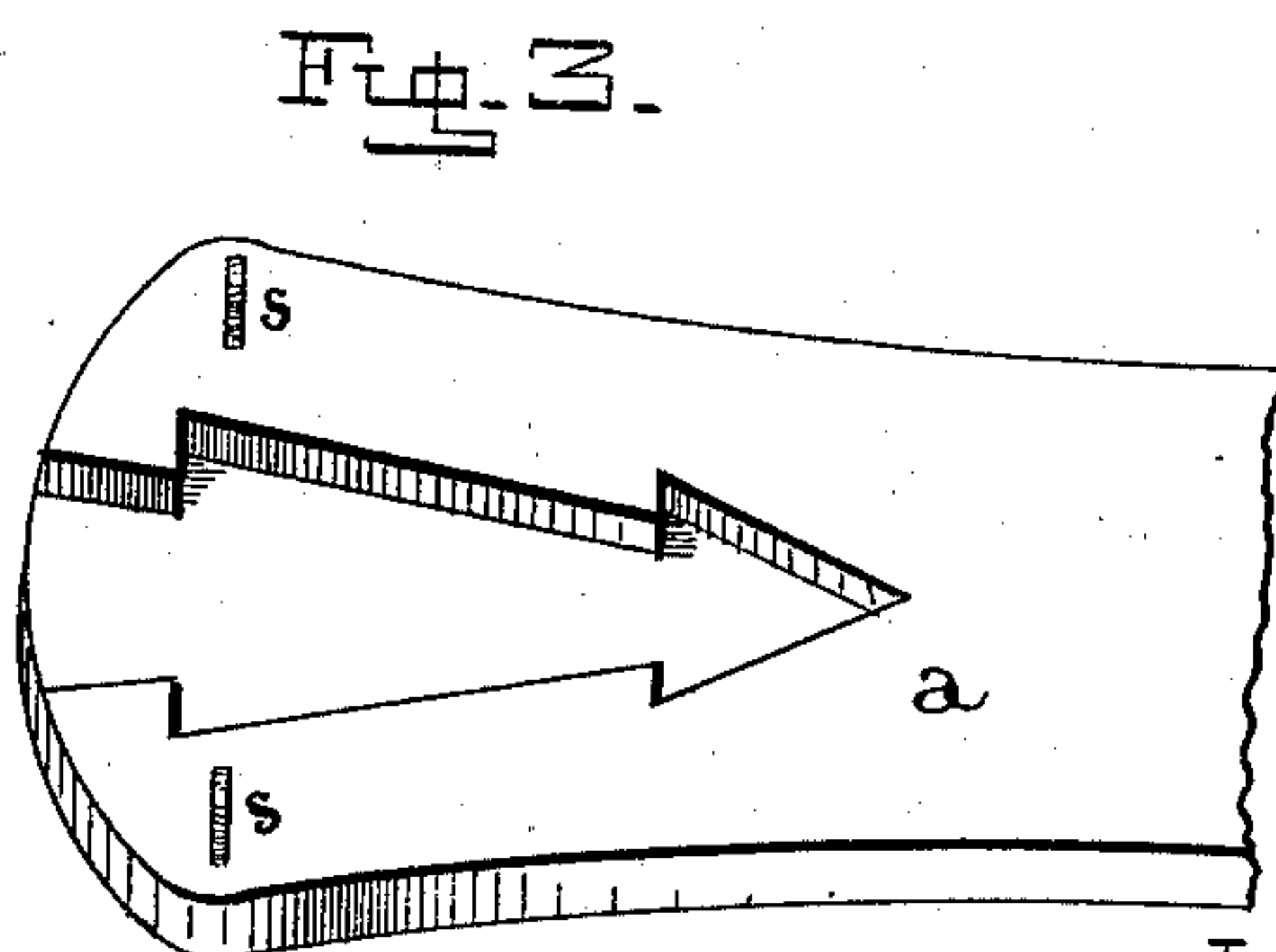
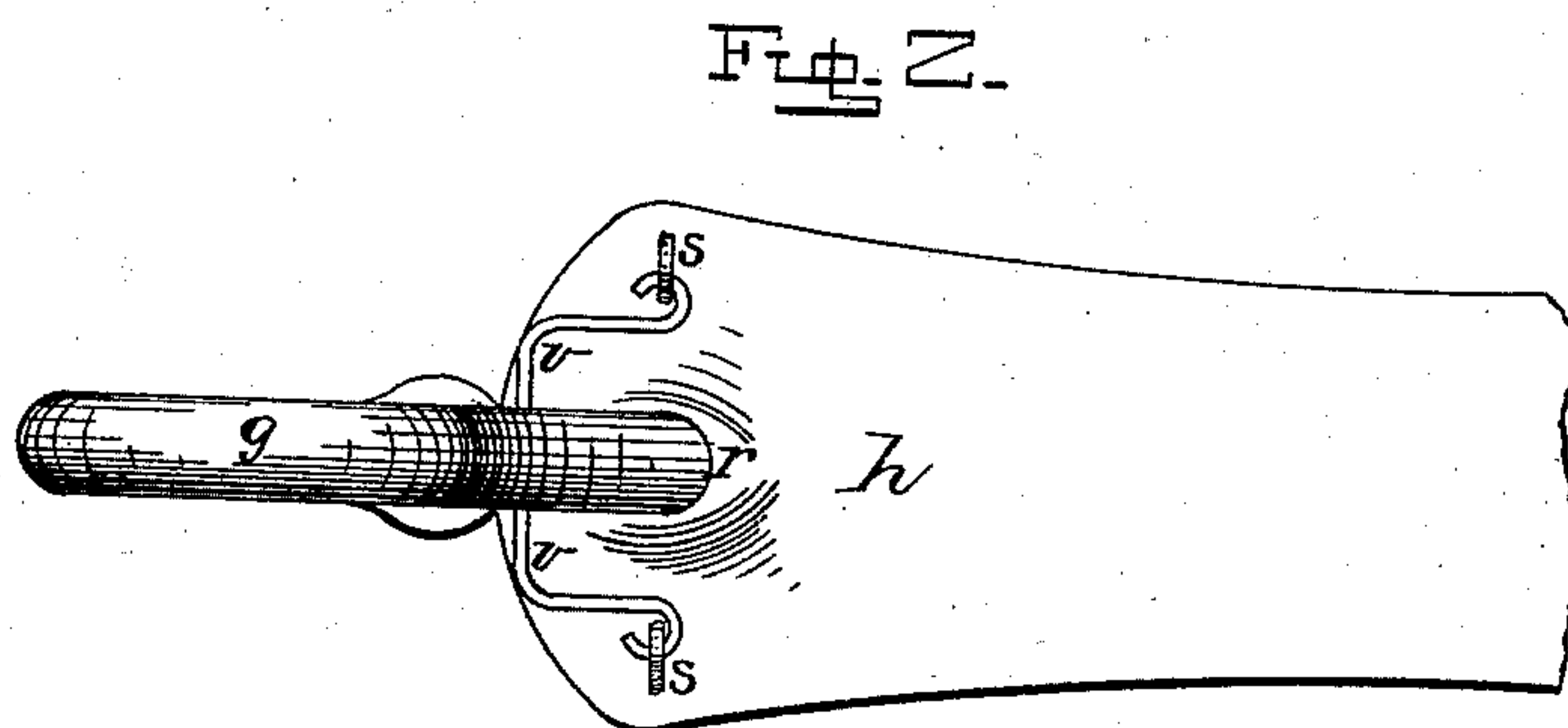
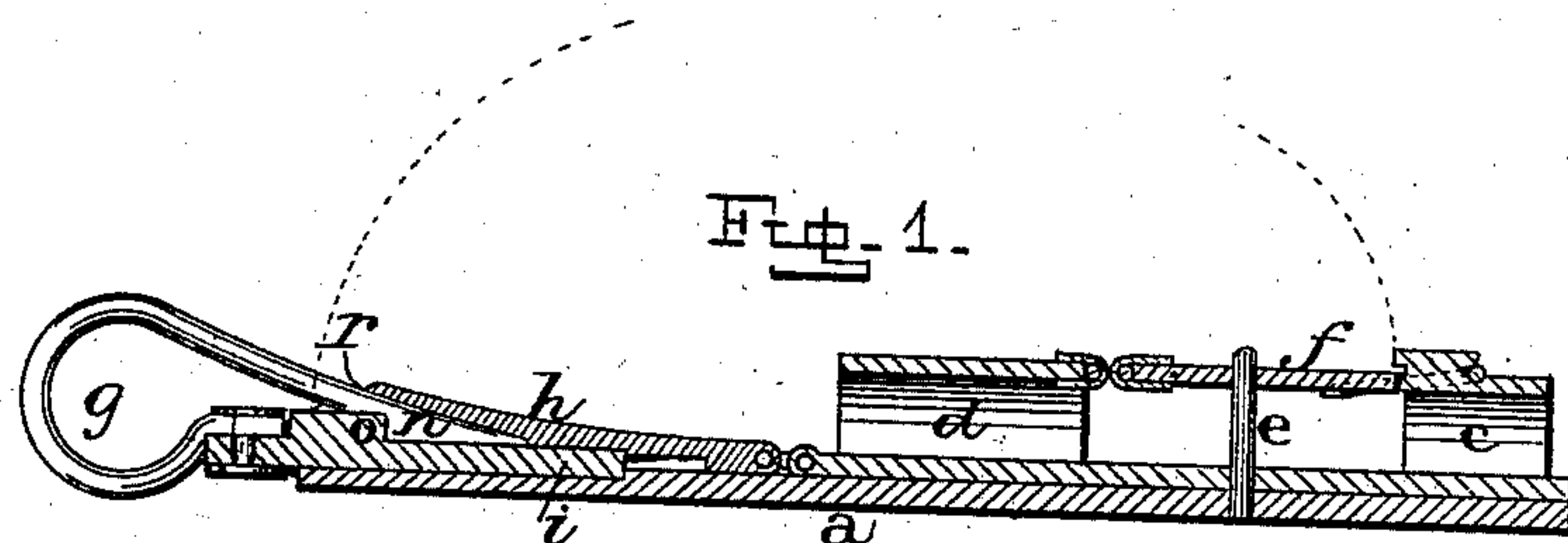


M. LaF. HAUGHTON.
Hame-Tug.

No. 223,910.

Patented Jan. 27, 1880.



Witnesses:

J. W. Garner
Wm W. Mortimer

Inventor:

M. L. Haughton.
per
F. A. Lehmann,
Att'y.

UNITED STATES PATENT OFFICE.

MARCUS LA FAYETTE HAUGHTON, OF LAKE LANDING, NORTH CAROLINA.

HAME-TUG.

SPECIFICATION forming part of Letters Patent No. 223,910, dated January 27, 1880.

Application filed November 17, 1879.

To all whom it may concern:

Be it known that I, M. L. HAUGHTON, of Lake Landing, in the county of Hyde and State of North Carolina, have invented certain new and useful Improvements in Hame-Tugs; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in hame-tugs; and it consists in the peculiar arrangement and construction of parts, whereby a cheap, simple, and efficient device is produced, as will be more fully described hereinafter.

Figure 1 is a longitudinal section of my invention. Figs. 2 and 3 are detail views. *a* represents the tug, which is to be made of iron or steel, and which will be made of any desired length or size. Upon its rear end is formed the loop *c*, and near its center is formed the loop *d*, through which the front end of the trace passes, and in between these loops is the stud *e*, which passes through the holes in the trace and connects it to the tug. Fastened to one of the loops is the clasp *f*, which closes down over the top of the stud *e* and prevents the trace from coming loose. The free end of this clasp may either have a hole in it and be fastened by a button, or it may be caught and held by a snap or any other suitable catch.

The front end of the tug has a suitably-shaped recess formed in it to receive the inner end, *i*, of the clip *g*, this end and recess being

so formed that the end of the clip cannot possibly be drawn out while the latch *h* is held down upon it. This end *i* of the clip has a stop, *o*, formed upon it, behind which the other end, *n*, of the clip catches, as shown. The front end of the latch *h* has a recess in its under side, and is cut away at *r*, so as to fit down over the top of the two ends of the clip and hold them securely in place.

Upon the front end of the tug are the two staples *s*, which pass up through the front end of the latch, and in which are fastened the bent rod *v*, to keep the latch from coming open. This clip, having been attached to the hame, has its ends placed between the tug and the latch, and then the latch locked, when it will be seen that the ends of the clip cannot come loose from the tug in any manner.

Having thus described my invention, I claim—

1. A tug having a recess in its front end, and provided with the latch *h*, in combination with the clip *g* and a fastening device, substantially as shown.

2. A hame-tug provided with the loops *c d*, stud *e*, and clasp *f*, with the latch *h*, fastening device, and clip *g*, the front end of the tug being recessed to receive the end of the clip, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 10th day of November, 1879.

MARCUS LA FAYETTE HAUGHTON.

Witnesses:

JOSEPH S. SZYBOWSKI,

WILLIAM HENRY DOWDY.