

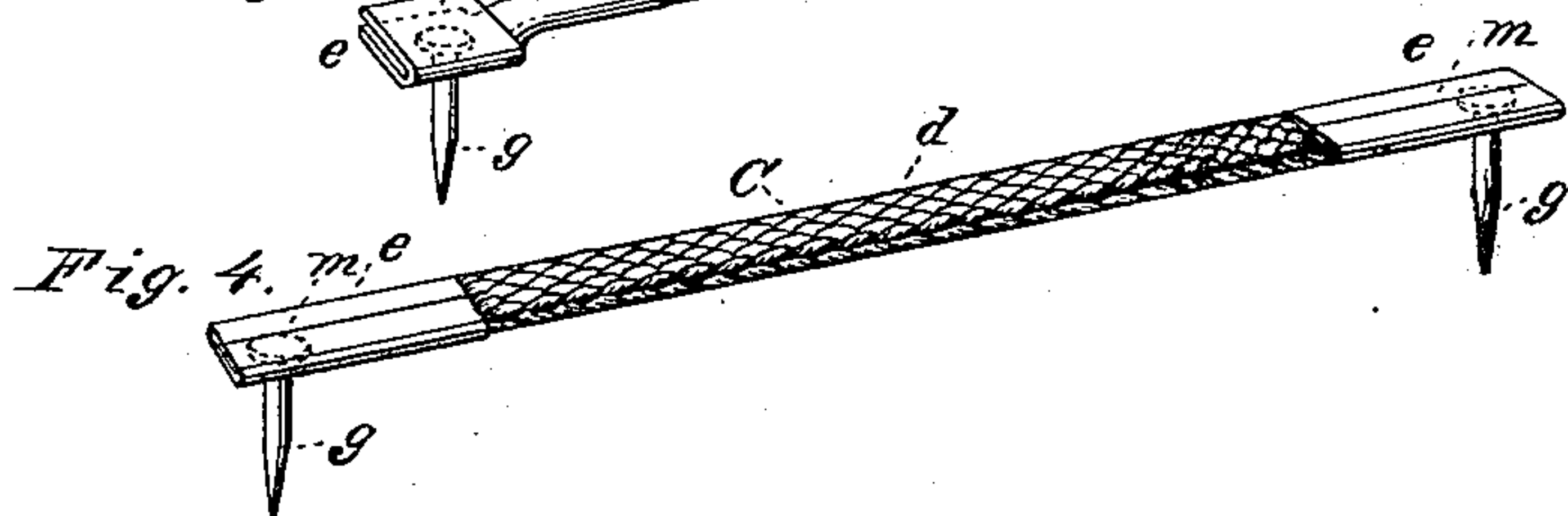
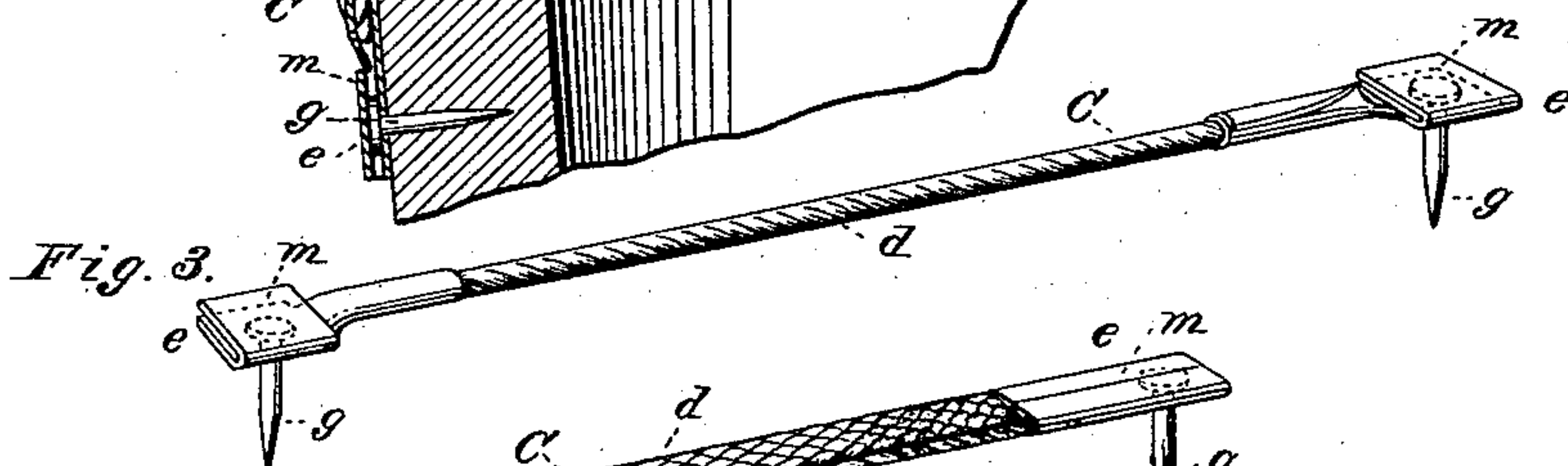
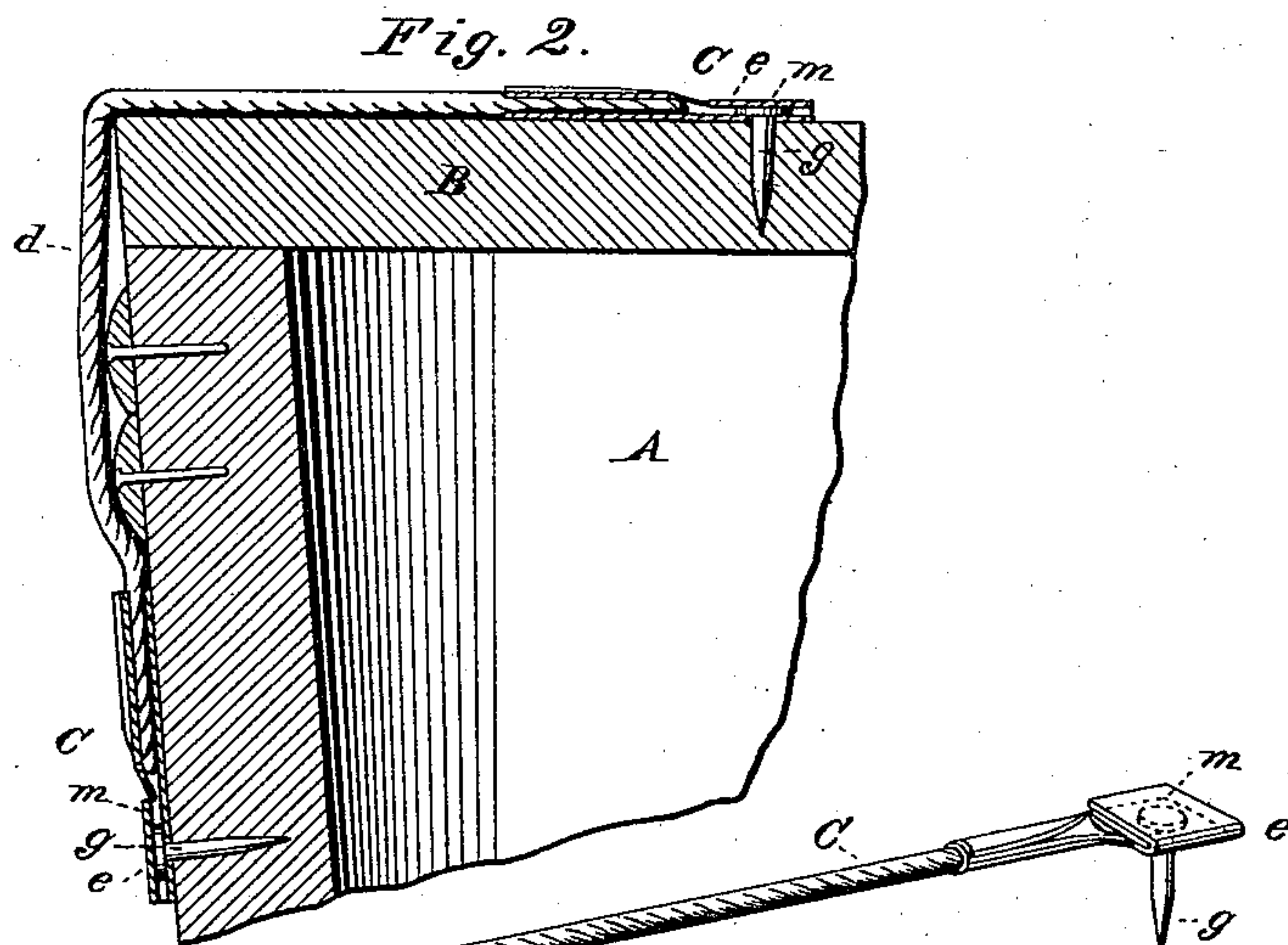
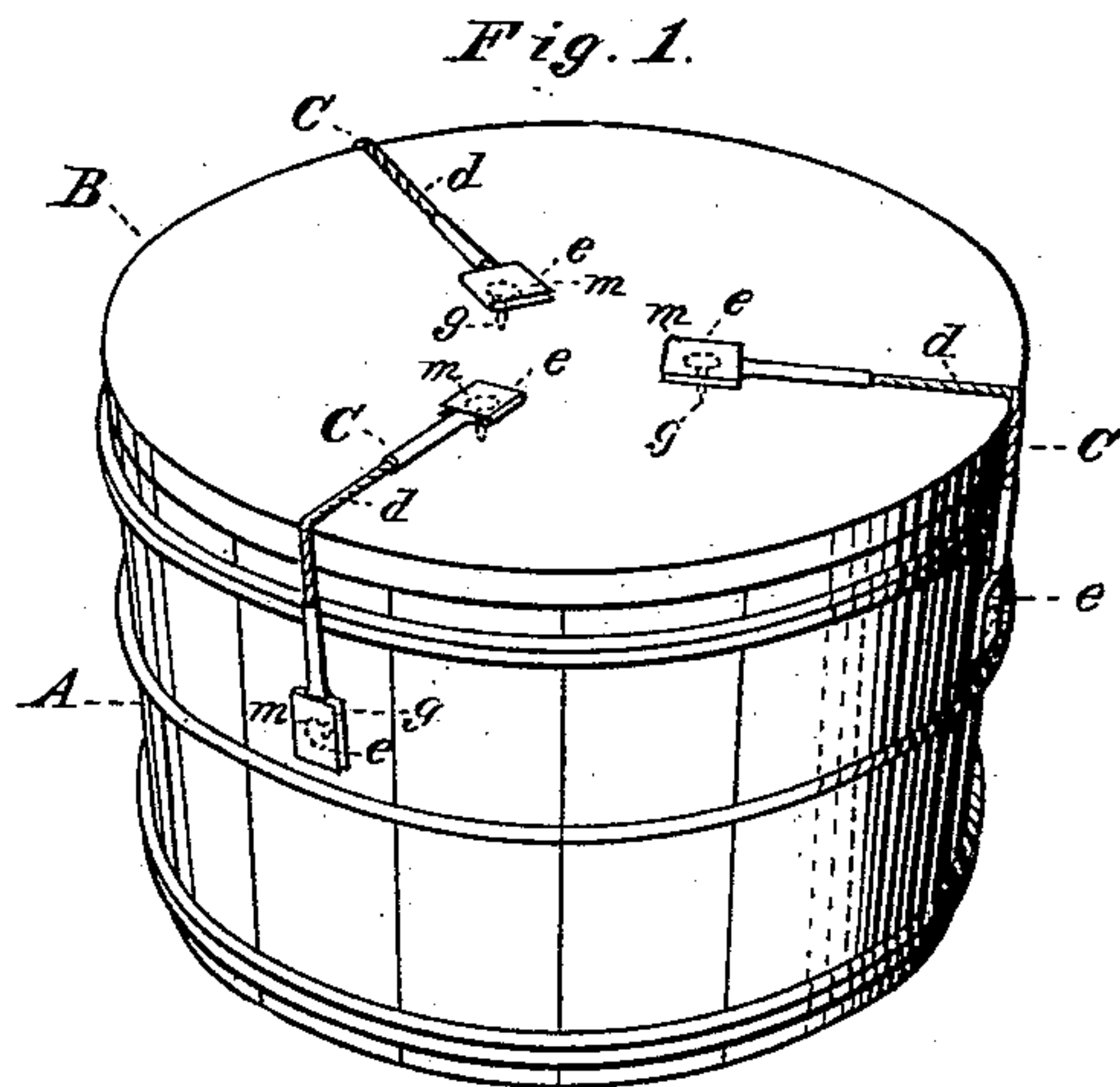
(No Model.)

G. F. ATWOOD.

TUB FASTENER.

No. 330,814.

Patented Nov. 17, 1885.



WITNESSES

Villette Anderson.
Phil Masie.

INVENTOR

G. F. Atwood
by Anderson & Smith
his ATTORNEYS

UNITED STATES PATENT OFFICE.

GEORGE FRENCH ATWOOD, OF SWANTON, VERMONT.

TUB-FASTENER.

SPECIFICATION forming part of Letters Patent No. 330,814, dated November 17, 1885.

Application filed July 19, 1884. Renewed September 1, 1885. Serial No. 175,940. (No model.)

To all whom it may concern:

Be it known that I, GEORGE F. ATWOOD, a citizen of the United States, residing at Swanton, in the county of Franklin and State of Vermont, have invented certain new and useful Improvements in Tub-Fasteners; and I do 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 ap-
10 pertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation
15 of this invention, and is a perspective view. Fig. 2 is a vertical section of a portion of a firkin with one of the fasteners. Fig. 3 is a perspective view of one of the fasteners. Fig. 4 is also a perspective view, and shows a modification.
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This invention has relation to flexible fastenings adapted to be used for connecting covers to tubs or pails, for suspending vines, and for other purposes; and it consists in the construction and novel arrangement of devices, as hereinafter set forth, and pointed out in the appended claims.
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In the accompanying drawings, the letter A designates a tub, and B the cover thereof, which is connected to the body of the tub by the fastenings C. Each fastening C consists of a piece of string or cord, *d*, and end clamps, *e*, of sheet metal, which are provided with prongs or tacks *g*. The cord may be round or flattened,
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and is usually passed through some paint or composition to give it durability. The sheet-metal ends are cut with laps or edges, which are bent around or over the ends of the cord and clamped securely thereon. The tacks *g* are driven through the sheet-metal end pieces, and covering portions or laps *m* are provided, which are pressed down upon the tack-heads, holding them securely in position, and at the same time providing a flat bearing on which a hammer may be used.
35 40 45

Three of these fasteners will hold the cover of a tub or firkin with security.

These fastenings may be made with longer cords, and will serve an excellent purpose for trailing vines.
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Having described this invention, what I claim, and desire to secure by Letters Patent, is—

1. A flexible fastening device consisting of a cord having sheet-metal end clamps carrying prongs or tacks, substantially as specified.
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2. A flexible fastening device consisting of a cord having sheet-metal end clamps carrying tacks projecting through the metal of said end clamps, and covered by laps of the same, substantially as specified.
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In testimony whereof I affix my signature in presence of two witnesses.

GEORGE FRENCH ATWOOD.

Witnesses:

A. C. DUNBAR, Jr.,
A. K. WANZER.