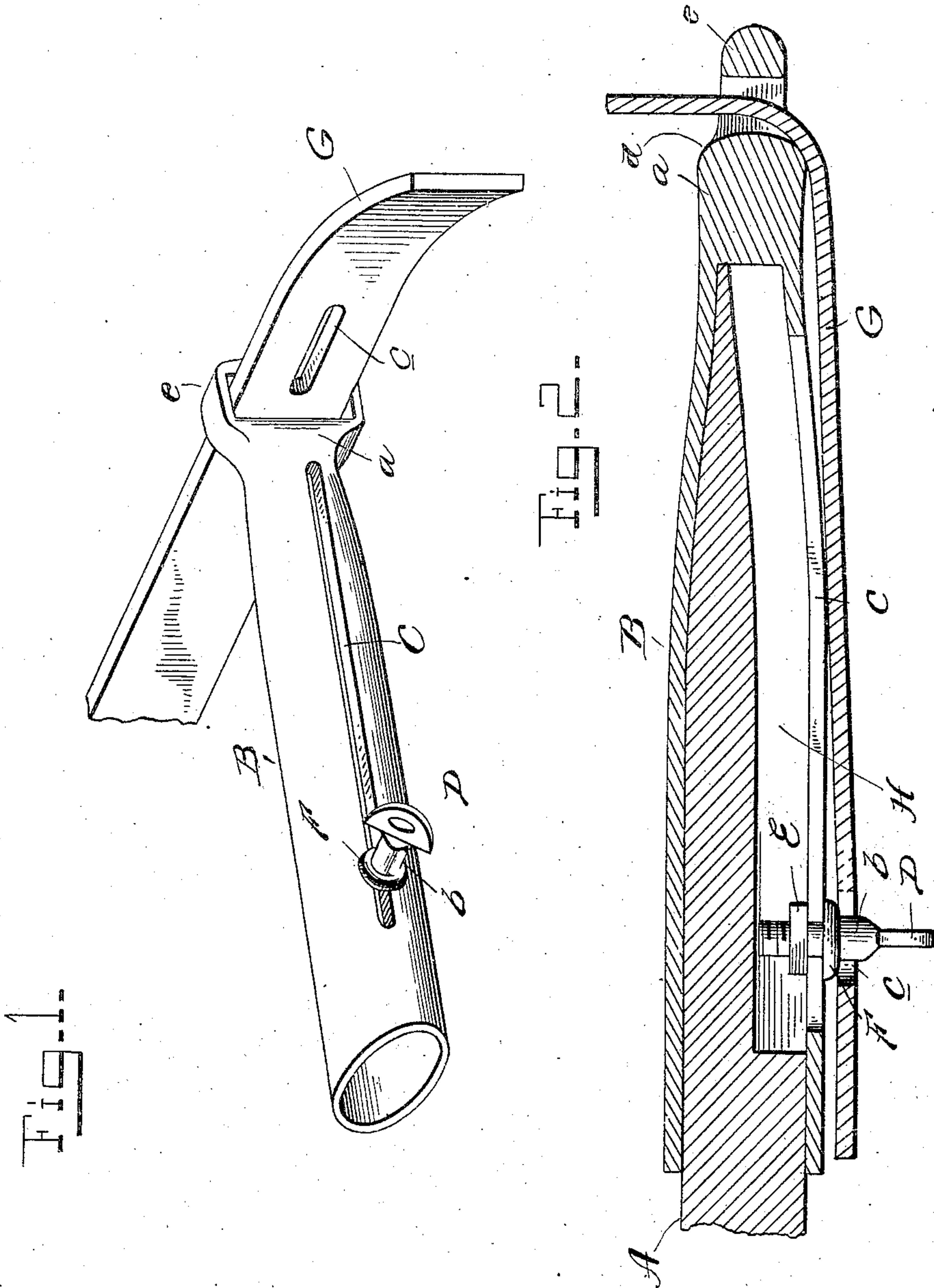


No. 848,596.

PATENTED MAR. 26, 1907.

I. B. MARTIN.
TRACE FASTENING DEVICE FOR WHIFFLETREES.
APPLICATION FILED DEC. 22, 1906.



WITNESSES:

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IVISON B. MARTIN, OF PARIS, TENNESSEE, ASSIGNOR OF ONE-FOURTH TO SAMUEL H. CALDWELL AND ONE-FOURTH TO DUMAS I. MARTIN, OF PARIS, TENNESSEE.

TRACE-FASTENING DEVICE FOR WHIFFLETREES.

No. 848,596.

Specification of Letters Patent.

Patented March 26, 1907.

Application filed December 22, 1906. Serial No. 349,059.

To all whom it may concern:

Be it known that I, IVISON B. MARTIN, a citizen of the United States, residing at Paris, in the county of Henry and State of Tennessee, have invented a certain new and useful Trace-Fastening Device for Whiffletrees, of which the following is a specification.

This invention relates to devices for fastening traces to whiffletrees; and it has for its object to provide a simple, durable, and comparatively inexpensive device whereby the traces may be securely attached to the whiffletree and a wide range of adjustability of the length of the trace obtained without weakening the trace by punching or cutting numerous slots therein; and it consists of the parts and combination of parts hereinafter described and claimed.

In the accompanying drawings, forming a part of this specification, Figure 1 is a perspective view of the socket for the whiffletree with the end piece of the trace in position to be fastened thereto. Fig. 2 is a longitudinal section showing the end of the whiffletree in the socket and the end of the trace in its fastened position.

Similar letters refer to similar parts in both the views.

Referring to the drawings, A represents the end of the whiffletree, Fig. 2, and B a metallic socket fitted thereon. The socket B is taperingly hollowed out toward its outer end, and the latter is formed solid, as at *a*, in order to increase the strength of the socket at the point where the trace passes over it and the strain is greatest. The socket is shown as elliptical in cross-section; but it may be round or circular in shape. A longitudinally-extending slot C is formed in one side of the socket—that side which is in the rear when the socket is placed on the whiffletree—and a corresponding groove H is formed in the end of the whiffletree.

The threaded shank of a button D extends through the slot C and screws into a nut E, arranged in the groove H. The nut is free to move longitudinally in the groove; but the walls of the latter prevent it turning

therein. The shank of the button D is enlarged and somewhat oblong in shape, as at *b*, where it is engaged by the trace, and a collar F is cast thereon, which serves to limit the inward thrust of the button and in connection with the nut E acts to clamp the button to the socket.

The outer or closed end of the socket is rounded, as at *d*, and formed with the loop *e* to receive the end of the trace G. The purpose of the loop is to retain the trace in place, and the rounded end *d* of the socket prevents unnecessary wear on the trace, which bears thereon when in use. The trace is formed with a single slot *c*, adapted in size to fit or pass over the button D when the parts are in line, and by imparting a turn to the button it straddles the slot and prevents the trace working off.

From the above description it is obvious that the button may be moved along the slot in the socket in order to adjust it nearer to or farther away from the end of the same, and thus permit of the adjustment of the length of the trace as desired.

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

1. A trace-fastening device for whiffletrees comprising a whiffletree formed with a longitudinal groove at its ends, a socket having a loop at its end and a slot corresponding to said groove, and an adjustable button arranged in said slot.

2. A trace-fastening device for whiffletrees comprising a whiffletree having a longitudinal groove at its ends, a socket formed with a loop at its end and a longitudinal slot in one side, a button having a threaded shank adapted to slide in said slot, and a nut arranged in said groove to receive said shank.

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

IVISON B. MARTIN.

Witnesses:

S. B. COLE,

W. D. MORRIS.