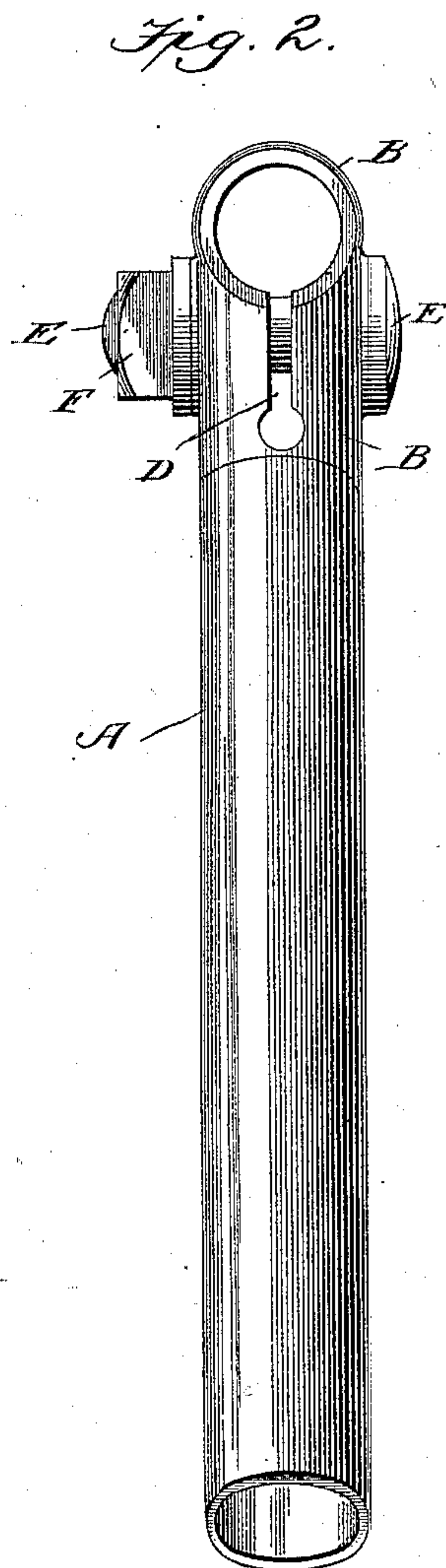
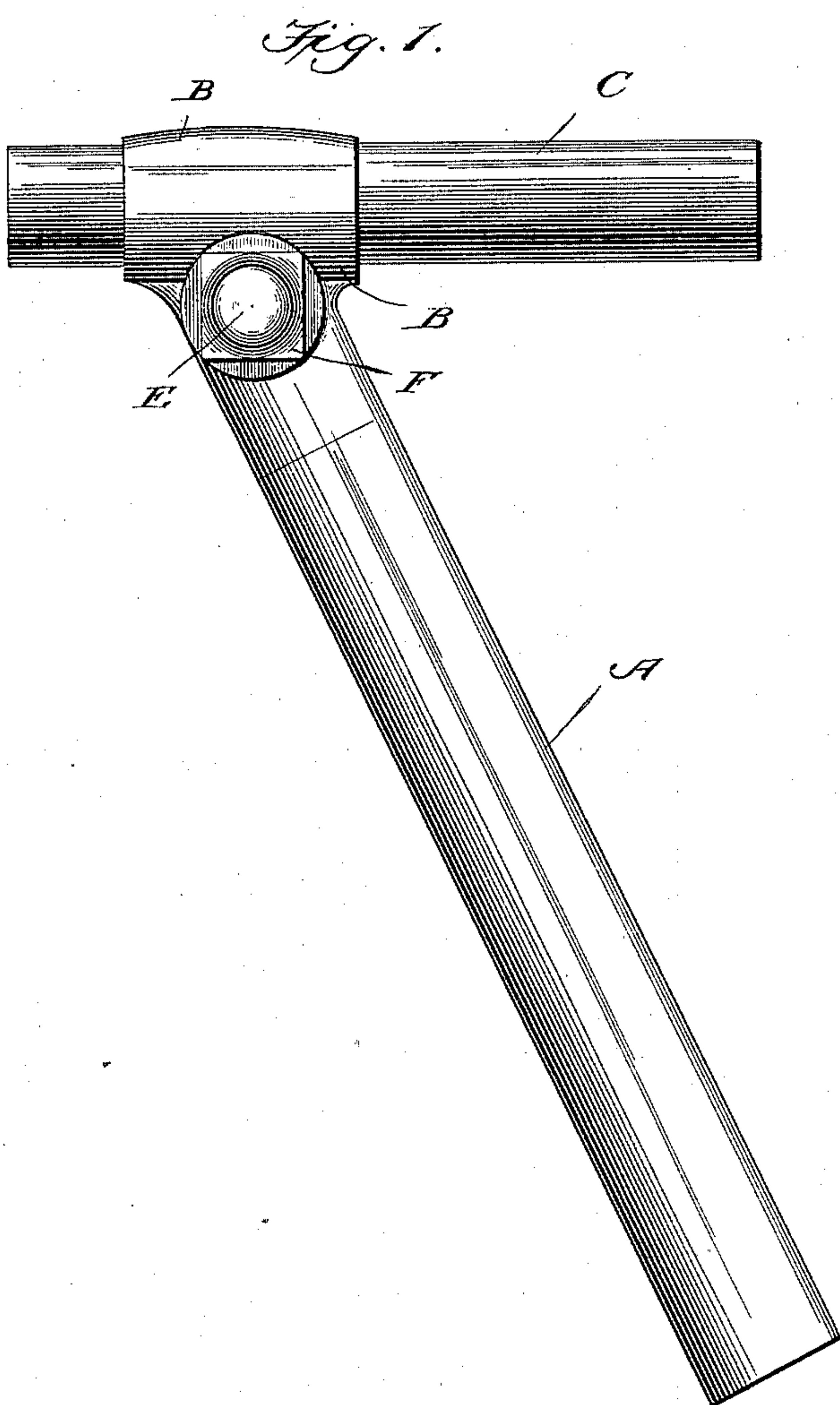


(No Model.)

F. D. CABLE.
SADDLE POST.

No. 540,087.

Patented May 28, 1895.



Witnesses:

Edwin L. Bradford
N. Curtis Lammond

Frank D. Cable

Inventor.

By *Wm. C. W. Intire*

Attorney.

UNITED STATES PATENT OFFICE.

FRANK D. CABLE, OF TOLEDO, OHIO, ASSIGNOR TO THE YOST MANUFACTURING COMPANY, OF SAME PLACE.

SADDLE-POST.

SPECIFICATION forming part of Letters Patent No. 540,087, dated May 28, 1895.

Application filed June 14, 1894. Serial No. 514,504. (No model.)

To all whom it may concern:

Be it known that I, FRANK D. CABLE, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have
5 invented certain new and useful Improvements in Means for Fastening Saddles of Bicycles to the Saddle-Post Rod or Frame; and I do hereby declare the following to be a full, clear, and exact description of the invention,
10 such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain new and useful improvements in fastening saddles of bicycles to the saddle post rod or frame.

15 It has for its objects simplicity and economy of construction coupled with facility and ease of adjustment; and with these ends in view my invention consists in providing the saddle post rod with a T-connection adapted
20 to receive the saddle rod, and split vertically and provided with a clamping bolt and nut, as will be hereinafter described.

It has usually been the custom to provide
25 a hollow saddle post and to arrange therein a vertically movable saddle rod, having its upper portion bent at about right angles, the saddle rod being secured at variable altitudes within the hollow saddle post by a clamping screw passing through the saddle post and
30 bearing against the saddle rod. With this construction the saddle has been adjustably secured to the horizontal portion of the saddle rod through the medium of clamping screws secured to the saddle frame and binding against the saddle rod. My invention
35 differs from this usual construction in providing the upper end of the saddle post (or where vertical adjustment is desired, providing the upper end of the saddle bar) with a
40 hollow and split T-connection adapted to receive a sliding rod or tube forming the base or frame of the saddle, and securing the sliding rod or tube at any variable and predetermined position by compressing the T-shaped
45 head upon the base of the saddle.

In order that those skilled in the art to which my invention appertains may fully understand my invention I will proceed to describe the construction and operation of the

same referring by letters to the accompanying 50 drawings, in which—

Figure 1 is a detail side elevation showing a saddle-post or saddle-post bar and saddle rod or frame properly connected according to my invention, and Fig. 2 is a transverse or 55 end elevation.

Similar letters of reference denote like parts in both figures of the drawings.

A represents the saddle post of a bicycle frame, having brazed or otherwise suitably 60 connected with its upper end a tubular T-shaped head B. The saddle rod is illustrated at C, and may constitute a part of the saddle frame or be independent therefrom and have the saddle secured thereto in any fixed or 65 movable manner.

The T-head B is split or formed with a vertical kerf D, as clearly shown at Fig. 2, and is provided with a clamping bolt E and nut F, so that when the saddle rod C is located 70 within the T-head B, the bolt E and nut F may cause the T-head to clamp and hold the rod C at any predetermined point.

It will be understood from the construction and arrangement described that the saddle 75 may be adjusted backward or forward to any desired degree and readily clamped in position.

The saddle rod C may be made of any desired shape in cross section and the T-head 80 will of course be made of corresponding shape to provide against any axial movement although I have found from experience that with a tubular construction I am enabled to secure a substantially immovable connection. 85

From the construction and arrangement shown it will be understood that I relieve the saddle or saddle frame from all clamping devices or screws which are at present used in fastening or adjusting the saddle backward 90 or forward with reference to the saddle post, and in lieu thereof I employ only the T-head and clamping bolt.

I have shown the split T-head brazed to the upper end of the saddle post, but it will be 95 understood that where a vertically adjustable saddle support is used, I then apply the split T-head to the latter.

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

5 The saddle post A having secured to its upper end a tubular T-head B formed with a kerf D, and provided with clamping bolt E and nut F, in combination with saddle seat rod C, whereby the saddle may be adjusted longitudinally and axially substantially as and for the purpose set forth.

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

FRANK D. CABLE.

Witnesses:

GEO. F. MILLER, Jr.,

CHAS. L. DE PORTER.