

(No Model.)

2 Sheets—Sheet 1.

J. G. CRONBACH.  
BICYCLE SUPPORT.

No. 591,820.

Patented Oct. 19, 1897.

FIG. 1.

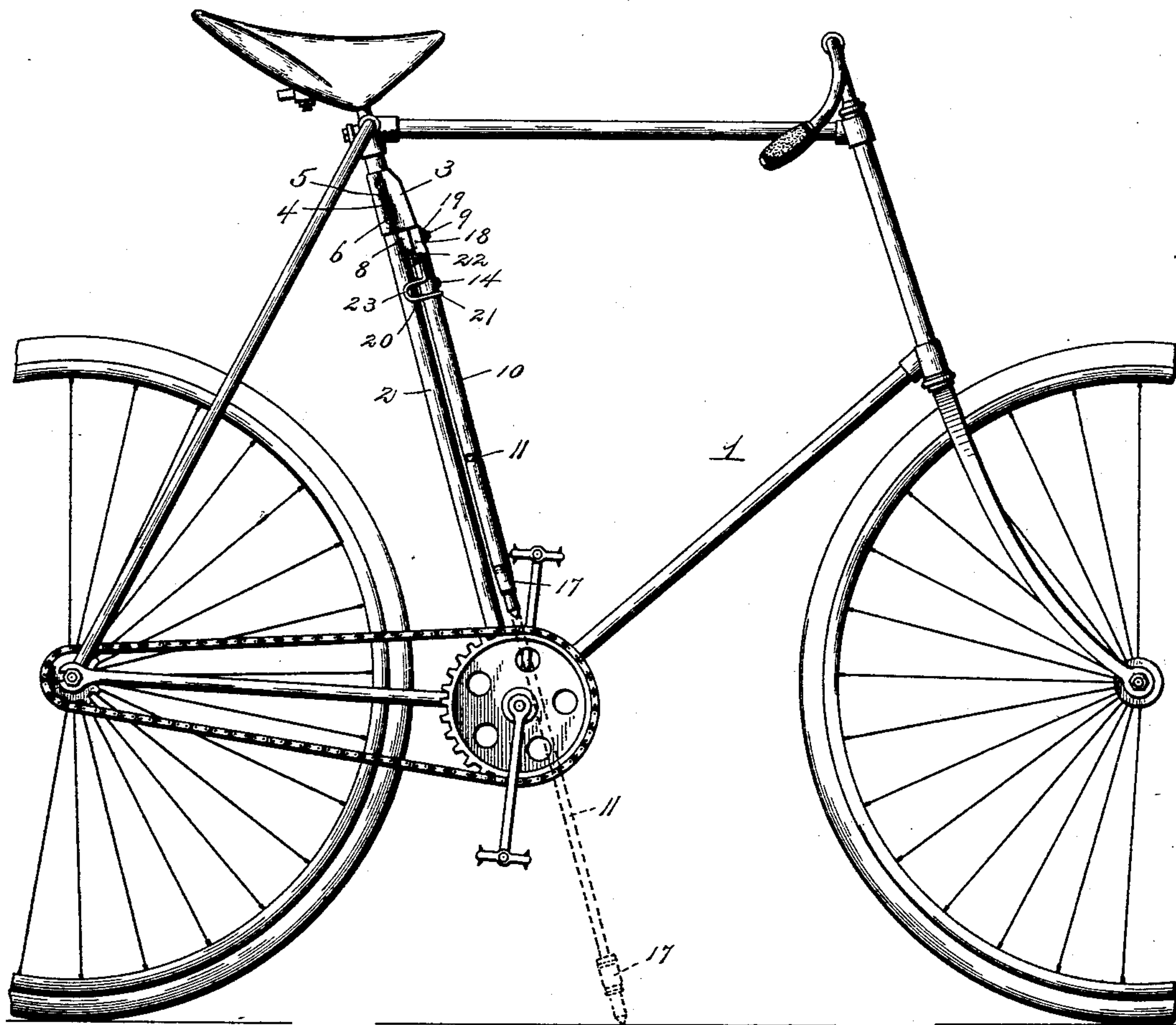
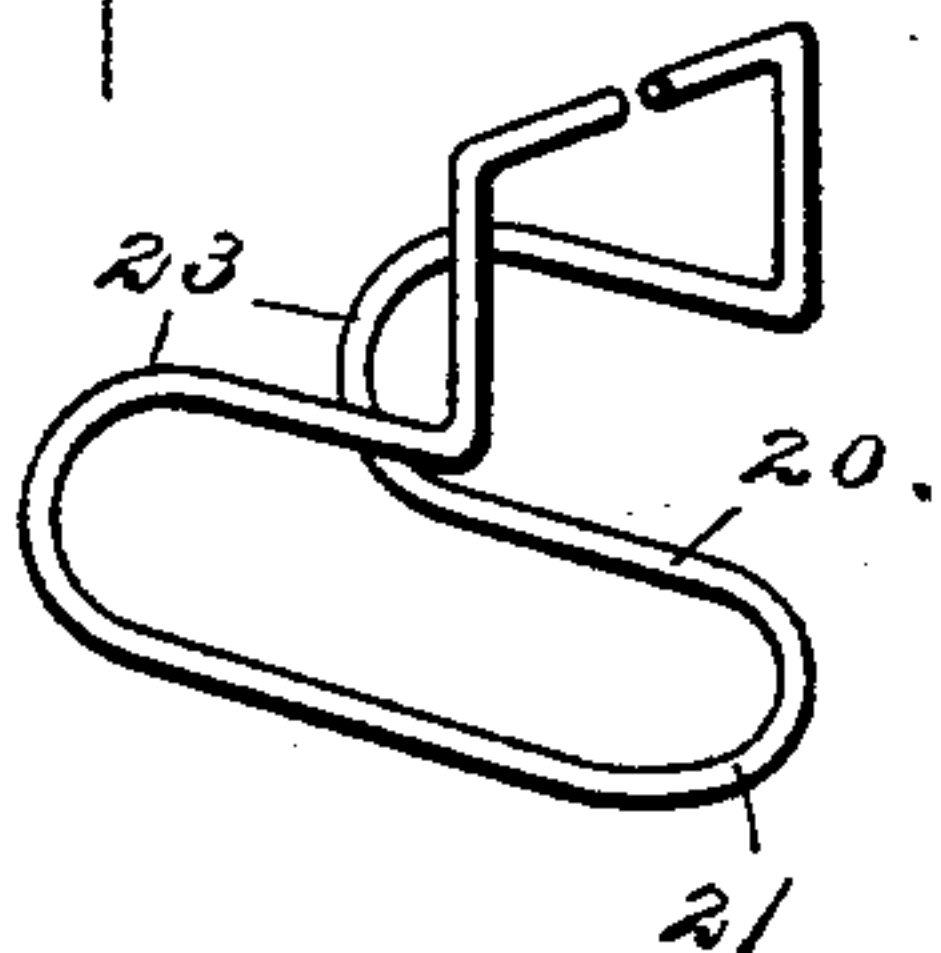


FIG. 5.



WITNESSES

*Harry L. Amer.*  
*George C. Byne.*

INVENTOR

*John G. Cronbach.*  
*by John W. Wadsworth*  
Attorney

(No Model.)

2 Sheets—Sheet 2.

J. G. CRONBACH.  
BICYCLE SUPPORT.

No. 591,820.

Patented Oct. 19, 1897.

FIG. 2.

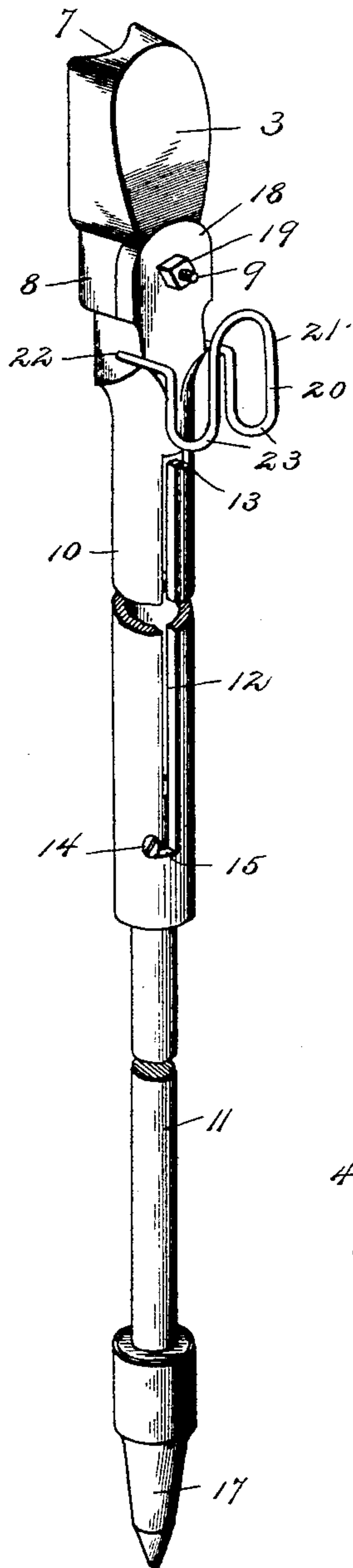


FIG. 4.

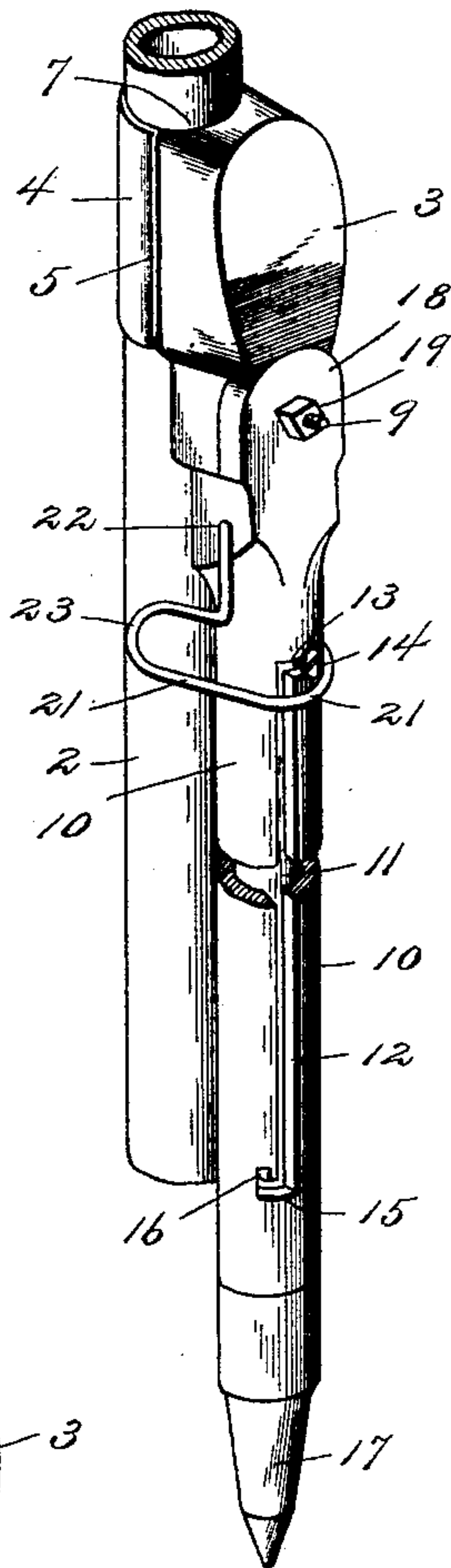
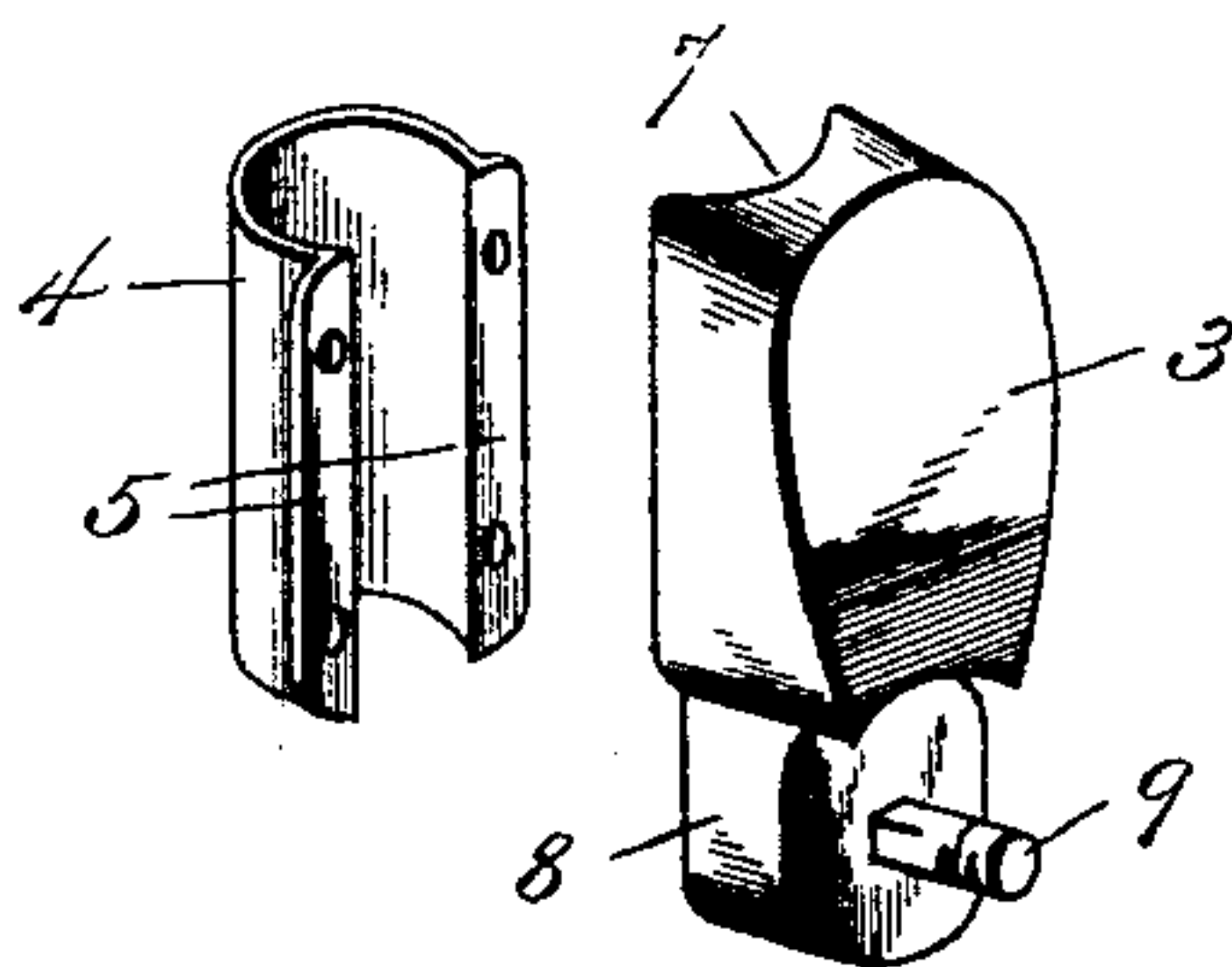


FIG. 3.



WITNESSES

*Harry L. Ames.*  
*George A. Byrne.*

INVENTOR,

*John G. Cronbach.*  
*by John Wedderburn*  
Attorney



# UNITED STATES PATENT OFFICE.

JOHN G. CRONBACH, OF NEW ORLEANS, LOUISIANA.

## BICYCLE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 591,820, dated October 19, 1897.

Application filed December 4, 1896. Serial No. 614,471. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN G. CRONBACH, a citizen of the United States, residing at New Orleans, in the parish of Orleans and State of Louisiana, have invented certain new and useful Improvements in Bicycle-Supports; 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 appertains to make and use the same.

This invention relates to bicycle-supports, and has for its object to provide a simple, cheap, and sufficient support for upholding bicycles, the same being adapted to be applied to any ordinary safety-bicycle and to be mounted on the seat-post tube, the said support being capable of being folded compactly and to rest along the seat-post tube, so as not to interfere with the rider's movements in propelling the machine.

To this end the invention consists in an improved support for bicycles embodying certain novel features and details of construction, as hereinafter particularly described, illustrated in the drawings, and incorporated in the claims.

In the accompanying drawings, Figure 1 is a side elevation of a bicycle, showing the improved support applied thereto and folded into its inoperative position, also showing the operative position of the support in dotted lines. Fig. 2 is a detail perspective view of the improved support detached from the machine and extended. Fig. 3 is a detail perspective view of the head-block and clip by means of which the support is attached to a bicycle. Fig. 4 is a perspective view of the support folded, showing also a section of the seat-post tube of the bicycle. Fig. 5 is a detail view of the spring-clasp.

Similar numerals of reference designate corresponding parts in the several views of the drawings.

Referring to the drawings, Fig. 1 designates an ordinary safety-bicycle comprising the usual diamond frame and having the inclined seat-post tube 2.

3 designates a bearing-block to which the improved support is adapted to be pivotally connected, and this block is attached to the seat-post tube near its upper end just under

the seat-post cluster by means of a semicylindrical clip 4, which partially embraces the seat-post tube and is provided with oppositely and laterally projecting ears 5, through which suitable fasteners 6 are passed into the block 3. The block 3 is provided in that side which abuts against the seat-post tube with a concavity or groove 7 for the reception of the contiguous face of the seat-post tube and is further provided with a depending lug or ear 8, through which extends a bolt 9.

The support proper is composed of two sections which telescope one within the other. The upper section (indicated at 10) is tubular for a greater portion of its length, and the lower section 11 is in the form of an extension-rod which slides within the section 10, so that the support as a whole may be extended or contracted in length. In order to provide for the extension of the support, the section 10 is provided with a longitudinal slot 12, which at its upper ends is extended laterally, as indicated at 13, to receive a headed stud or screw 14, projecting from the rod 11 and working in slot 12 as said rod is drawn outward from the tubular section 10 or pushed inward. The slot 12 at its lower end is extended laterally, as indicated at 15, and is also provided with a short upward or longitudinal extension 16, forming a socket for the screw or stud 14 when the device is extended, said portion 16 of the slot serving to prevent the accidental folding or telescoping of the support when in use. When the rod 11 is pushed inward to its full extent and the screw or stud 14 moved laterally into the portion 13 of the slot, the rod 11 is upheld and prevented from accidentally dropping. The rod 11 is provided at its lower end with any suitably-shaped head 17 for engaging the ground or other surface upon which the bicycle rests. The tubular section 10 of the support is provided at its upper end with an ear 18, which bears against the lug or ear 8 of the block 3 and receives the pivotal bolt 9, being secured thereto by means of a nut 19. The block 3 is preferably arranged at the front side of the seat-post tube, so that the support may swing outwardly laterally therefrom to one side of the machine for supporting the latter at a slight inclination. When the support is in its folded position, as indicated at Fig. 1, it is held by



means of a spring-clasp 20, which for convenience is constructed from a single piece of wire, the central portion of which is looped or bent, as indicated at 21, to snugly embrace the tubular section 10, after which the terminal portions of the wire are extended upon each side of the seat-post tube, so as to frictionally engage the latter, after which they are returned into the plane of the section 10, and finally the extremities of said terminals are bent inward toward each other and inserted in sockets 22, formed at opposite sides of the section 10 adjacent to its upper end, as clearly shown. This spring-clasp serves to hold the support firmly against the seat-post tube by the pressure of the cheek portions 23 against said tube, as clearly represented in the drawings, and the central or looped portion 21 of said clasp is arranged to bear against the section 10 just beneath the stud or screw 14 when in its uppermost position, thereby producing a stop for preventing the downward movement of said stud or screw, and consequently the rod or lower section 11 of the support.

The device is susceptible of changes in the form, proportion, and minor details of construction, which may accordingly be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

Having thus described the invention, what I claim as new is—

1. A bicycle-support consisting of a telescoping support proper having a sliding extensible member, provision whereby said support may be extended longitudinally, a clip to which said support is pivotally attached and which provides for the attachment of the support as a whole to one of the machine-frame bars, and a spring-clasp connected to said support and adapted to frictionally engage the frame-bar, and at the same time to engage a stud on the sliding member of the support so as to prevent the support becoming accidentally extended, substantially as described.

2. A bicycle-support consisting of a tubular section having a longitudinal slot at each end with lateral offsets or extensions, and an extensible section provided with a projecting stud working in the slot of the tubular section and adapted to engage in said lateral offsets, attaching means for pivotally connecting said support to the frame of a bicycle, and a clasp connected to said support and adapted to engage with the machine-frame for holding the support folded, and also adapted to coact with said stud, substantially in the manner and for the purpose described.

3. A bicycle-support comprising a tubular section provided with a longitudinal slot, and an extensible section telescoping therein and provided with a stud projecting through and working in said slot in the tubular section, means for connecting said support pivotally to the frame of a bicycle, and a spring-clasp pivotally connected to said tubular section and provided with a central portion which embraces said section and coöperates with said stud for preventing its downward movement, said clasp also comprising spaced cheek portions adapted to bear frictionally against one of the frame-bars of the machine, substantially in the manner and for the purpose specified.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JOHN G. CRONBACH.

Witnesses:

JNO. N. LOOMIS,  
HUGH S. SUTHON.