

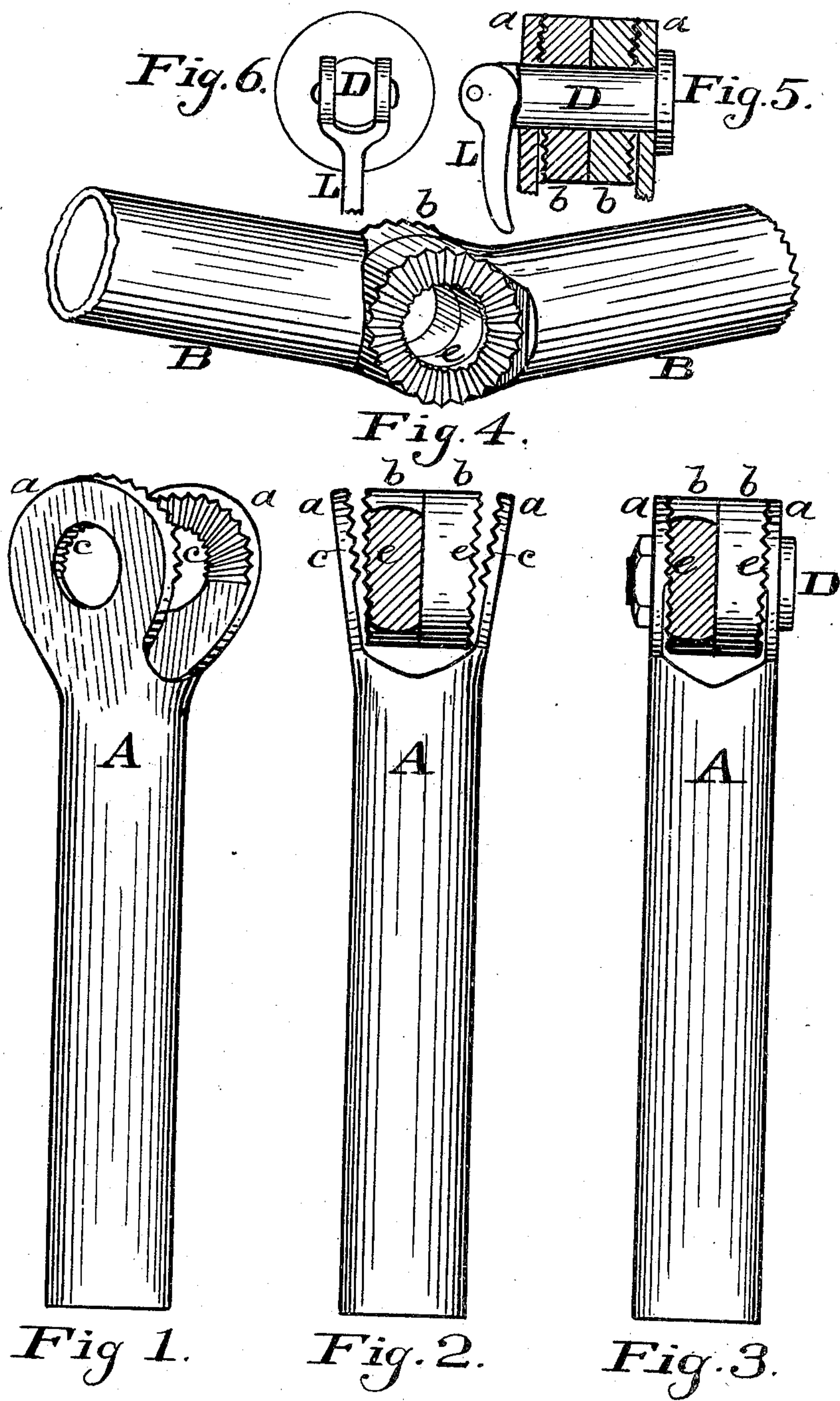
No. 622,490.

Patented Apr. 4, 1899.

W. E. KELLY.  
HANDLE BAR FOR BICYCLES.

(Application filed Dec. 27, 1898.)

(No Model.)



WITNESSES:

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# UNITED STATES PATENT OFFICE.

WILLIAM E. KELLY, OF CLEVELAND, OHIO, ASSIGNOR OF ONE-HALF TO  
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## HANDLE-BAR FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 622,490, dated April 4, 1899.

Application filed December 27, 1898. Serial No. 700,338. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM E. KELLY, a citizen of the United States of America, and a resident of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Handle-Bars for Bicycles, of which the following is a specification.

This invention relates to handle-bars for bicycles; and it consists in the new constructions and combinations, substantially as hereinafter described, and pointed out in the claim.

The nature and operation of the invention will fully appear from the subjoined description when considered in connection with the accompanying drawings, in which—

Figure 1 is a view of the handle-bar stem. Fig. 2 is a side elevation of the same, showing the eyes of the bars in place ready to be secured therein. Fig. 3 is a similar view showing the bars and the stem secured together by a bolt and nut. Fig. 4 is a perspective view of the eyes of the handle-bars. Fig. 5 is a cross-section through the handle-bar joint, showing a bolt with a cam-lever as a substitute for the nut for fastening the bolt. Fig. 6 is a face or side view of the same.

A is a handle-bar stem having the eyes *a a* spread apart at the top at a slight angle from the perpendicular line, as seen in Figs. 1 and 2. This is to enable the bars to be placed in between them from above. On the inside face of each eye is a segment of a circular row of radial corrugations *c c*.

B B are the handle-bars, having eyes *b b*.

On one side of said eyes is made a continuous row of radial corrugations *e e*, surrounding the holes.

D is a bolt and nut put through the eyes for clamping and binding by springing the eyes *a a* firmly to the eyes *b b*. Instead of the nut a cam-lever L may be attached to the bolt for fastening it. This would enable the bolt to be fastened and unfastened much quicker than by the screwing on and off of the nut.

It will be seen that by this construction the handle-bars may be very easily and quickly changed to either the dropped or upturned or the reversed position.

Having described my invention, what I claim is—

In adjustable handle-bars for bicycles, the combination of bar-stem provided with eyes spread outward at a slight angle, and having a segmental row of radial corrugations on their inside faces, handle-bars having offset eyes provided with a continuous circle of radial corrugations on their outer faces, and a bolt and nut through said eyes for springing the stem-eyes onto the bar-eyes and clamping them together, substantially as shown and described.

Signed by me, at Cleveland, Ohio, this 23d day of December, 1898.

WILLIAM E. KELLY.

Witnesses:

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