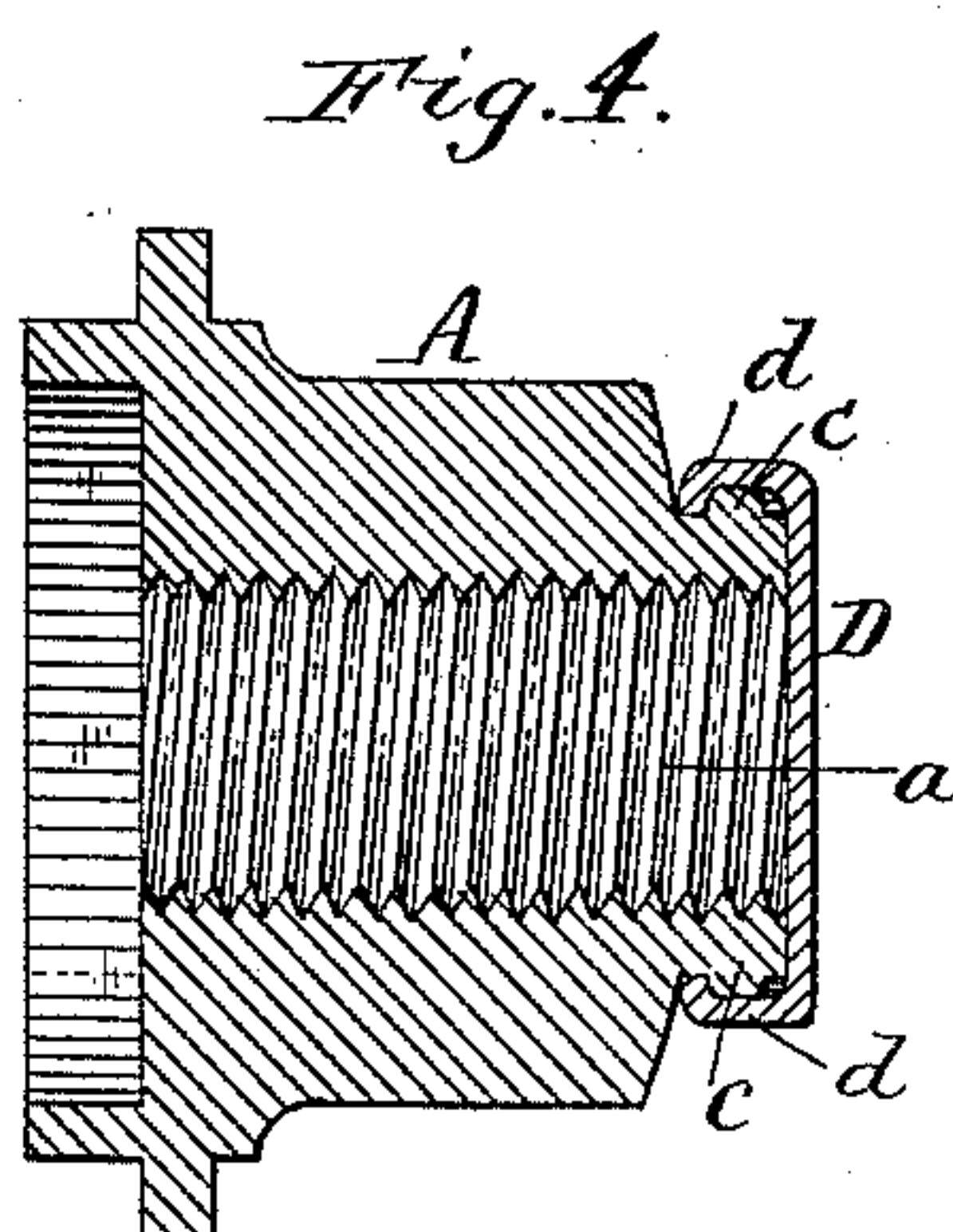
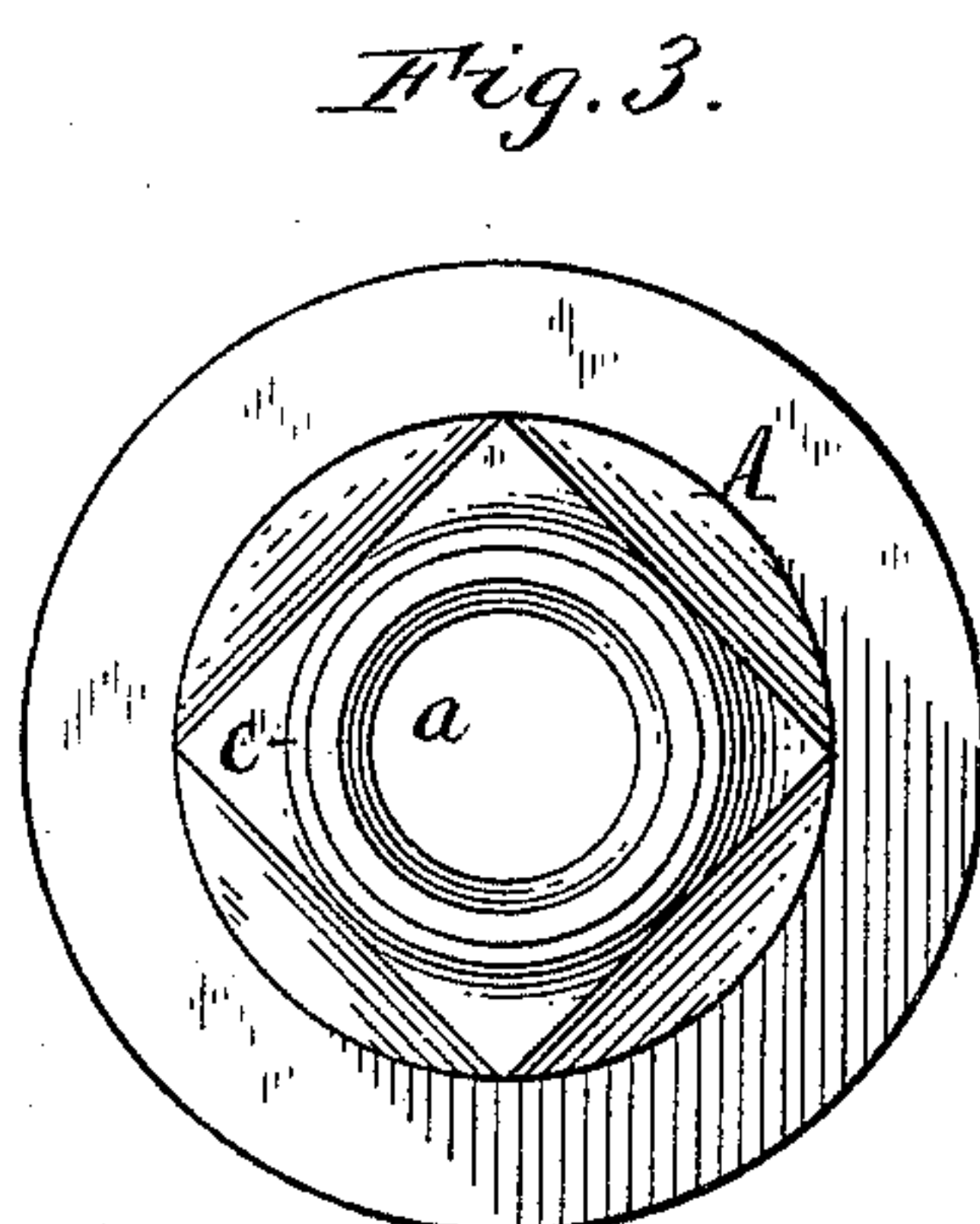
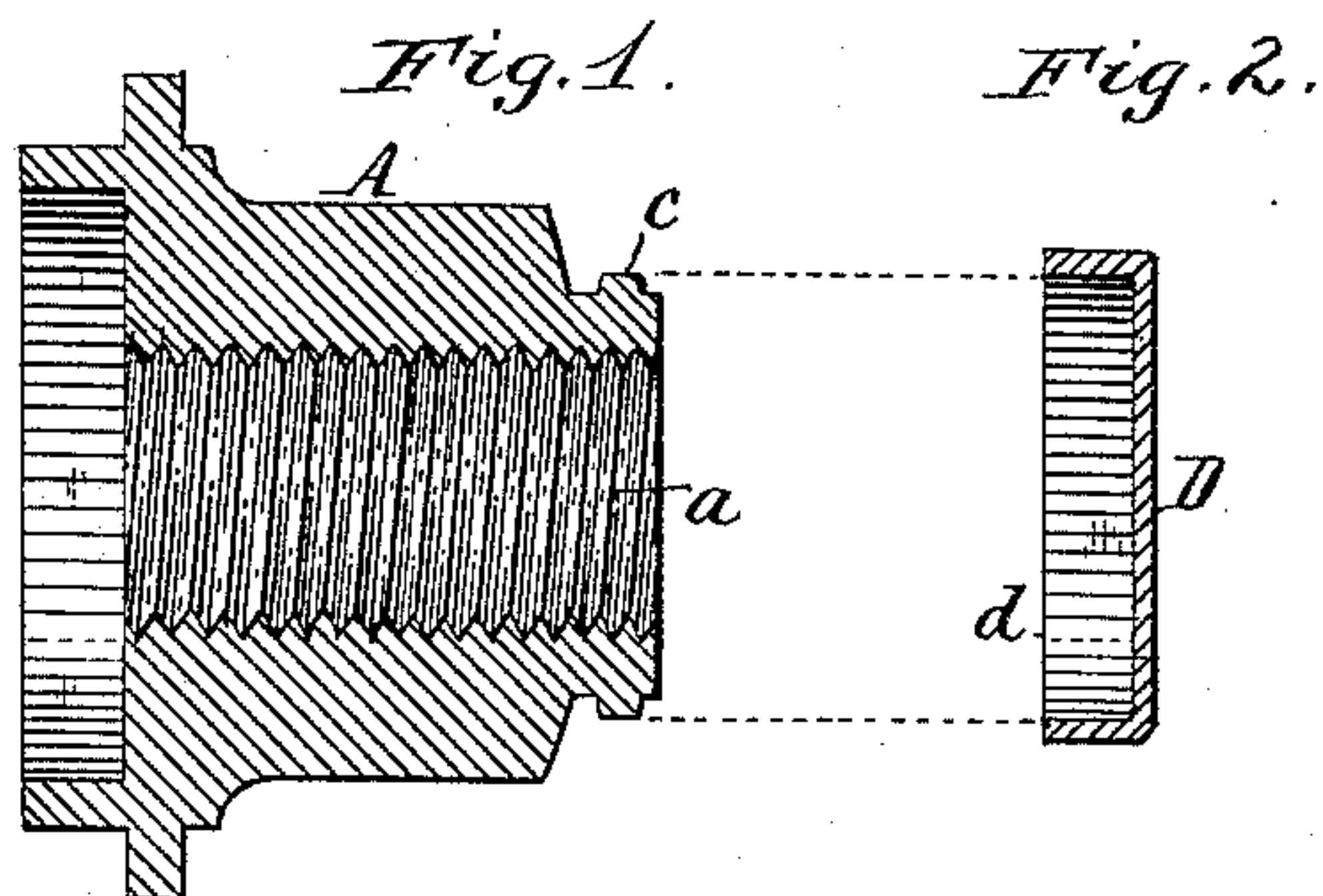


(No Model.)

C. C. BRADLEY.
SCREW NUT.

No. 431,324.

Patented July 1, 1890.



Witnesses:

Geo. J. Buchheit Jr.
Theo. L. Popp.

C. C. Bradley Inventor.
By Wilhelm Rönner.
Attorneys.

UNITED STATES PATENT OFFICE.

CHRISTOPHER C. BRADLEY, OF SYRACUSE, NEW YORK.

SCREW-NUT.

SPECIFICATION forming part of Letters Patent No. 431,324, dated July 1, 1890.

Application filed October 15, 1887. Serial No. 252,417. (No model.)

To all whom it may concern:

Be it known that I, CHRISTOPHER C. BRADLEY, of Syracuse, in the county of Onondaga and State of New York, have invented a new and useful Improvement in Screw-Nuts, of which the following is a specification.

This invention relates to that class of screw-nuts which are closed at one end by means of a cover, which is secured to the body of the nut after the screw-thread has been formed in the same, and which are principally used on the axles and other parts of vehicles.

The object of my invention is to construct the nut and cover in such manner that the cover can be readily secured to the body of the nut without interfering with the screw-thread; and my invention consists of the improvements which will be hereinafter fully set forth, and pointed out in the claim.

In the accompanying drawings, Figure 1 represents a longitudinal section of the nut before the cover is secured thereto. Fig. 2 is a sectional view of the cover. Fig. 3 is a front elevation of the nut before the cover is secured thereto. Fig. 4 is a longitudinal section of the finished nut.

Like letters of reference refer to like parts in the several figures.

A represents the body of the nut, which is provided with the central opening or bore *a*, extending from end to end of the body. This bore is provided with an internal screw-thread by driving a suitable tool far enough through the opening to form a screw-thread of uniform depth and diameter throughout the entire length of the opening.

c represents a contracted collar formed at the front end of the body of the nut around

the opening *a*. This collar is made smaller in diameter than the width of the nut and is provided on its external surface with a peripheral bead.

D represents the cover, which is secured to the front end of the nut to close the opening *a*. This cover is provided with a marginal cylindrical flange *d* of the proper size to fit snugly around the beaded collar *c* when applied thereto.

In order to secure the cover D permanently to the body of the nut, the cover is applied with its flange *d* to the collar *c* and then spun or bent over said collar, as represented in Fig. 4. By this means the cover is securely attached to the body of the nut and a smooth and finished appearance is produced, resembling closely a nut in which the cover is made integral with the body of the nut. The collar *c* forms a rigid support for the flange *d* during the operation of spinning or bending the flange, so that the necessary pressure can be applied to the flange *d* without injury to the screw-thread in the outer portion of the body of the nut.

I claim as my invention—

The combination, with the body of the screw-nut having its outer end provided with a contracted collar having a peripheral bead, of a cover provided with a marginal flange which is closed over the bead of the collar, substantially as set forth.

Witness my hand this 28th day of September, 1887.

CHRISTOPHER C. BRADLEY.

Witnesses:

CALVIN S. BUNNELL,
ORLANDO C. WEST.