

D. DIERKER.  
Shaft-Hanger.

No. 159,909.

Patented Feb. 16, 1875.

FIG. 1.

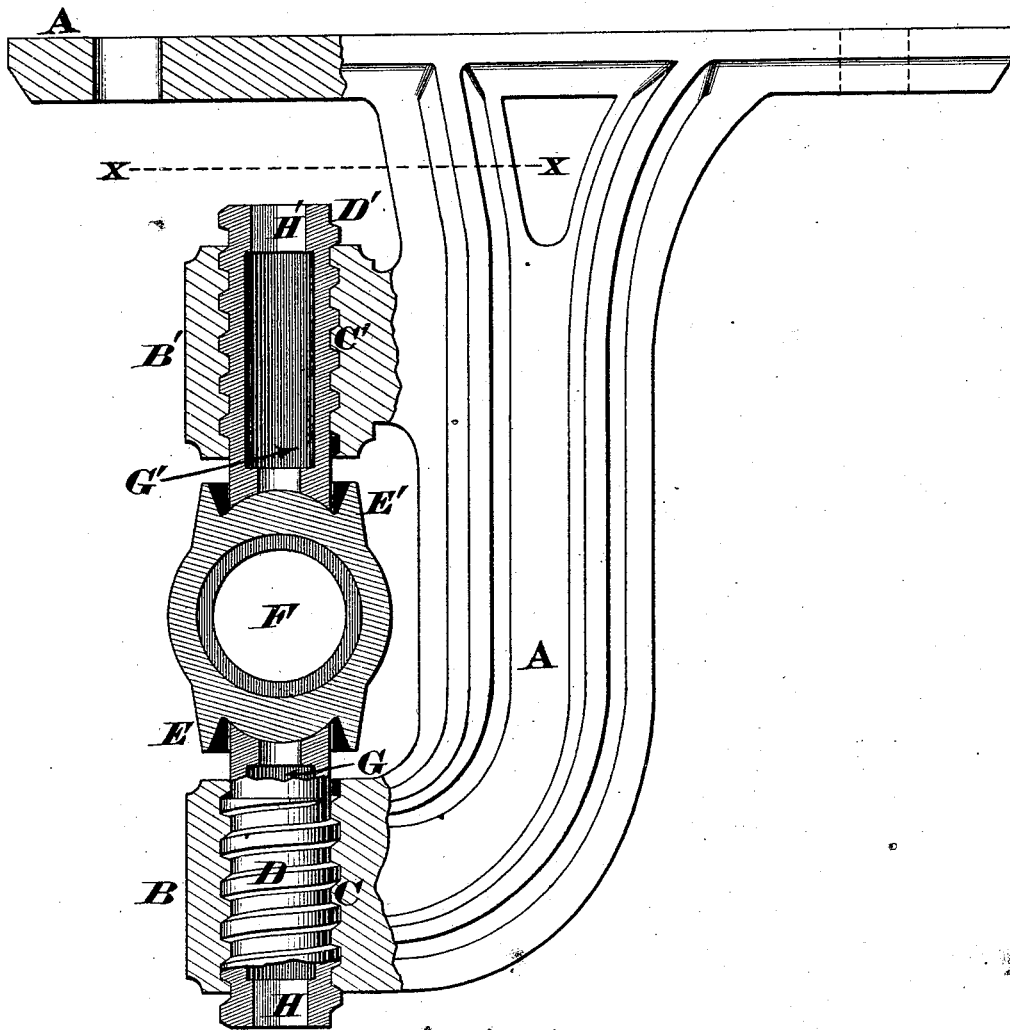
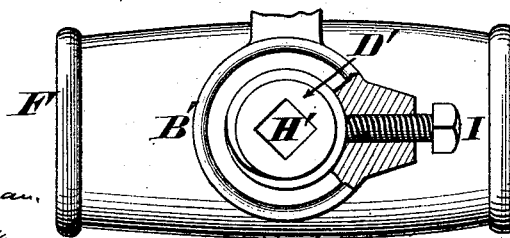


FIG. 2.



Attest.  
Jas. H. Layman,  
Henry Tanner.

Diedrich Dierker  
By  
Knight Bros  
Att'ys.

# UNITED STATES PATENT OFFICE.

DIEDRICH DIERKER, OF CINCINNATI, OHIO.

## IMPROVEMENT IN SHAFT-HANGERS.

Specification forming part of Letters Patent No. **159,909**, dated February 16, 1875; application filed January 14, 1875.

*To all whom it may concern:*

Be it known that I, DIEDRICH DIERKER, of Cincinnati, in the county of Hamilton and State of Ohio, have invented an Improvement in Shaft-Hangers, of which the following is a specification:

My improvement relates to those devices which consist essentially of a stout casting or bracket, having two bosses or nuts for the reception of screws, wherewith the bearing proper of the shaft is made capable of vertical adjustment; and my invention consists in providing cast-screws and their appropriate nuts.

In the accompanying drawing, Figure 1 is a partially sectionized elevation of my improved hanger. Fig. 2 is a horizontal section through the same at the line *x x*.

A represents the main casting or bracket, of any suitable size and shape, said casting having two bosses, B B', which are made in one piece with the bracket. These bosses are provided, respectively, with interior or female screws C C', which constitute the nuts of hanger. Adapted to engage in the nuts C and C', respectively, are cast screws D D', whose opposing ends enter the sockets E E'

of the shaft-bearing F. These screws are chambered out at G G', so as to diminish weight, and at the same time save metal, the outer ends of said chambers terminating in square or non-circular sockets H H', for the reception of wrench or key wherewith said screws may be readily rotated in either direction for the purpose of adjusting the bearing F. Owing to the fact of these screws being cast their exterior surfaces are slightly chilled, and therefore much more durable than wrought or other chased screws. I represents screws for preventing any accidental rotation of the adjusting-screws D D'.

I claim as my invention—

The combination of bracket A, having cast nuts B B' C C', cast screws D D', having chambers G G' and sockets H H', as and for the purpose set forth.

In testimony of which invention I hereunto set my hand.

D. DIERKER.

Attest:

GEO. H. KNIGHT,  
FRED TISCHBEIN.