

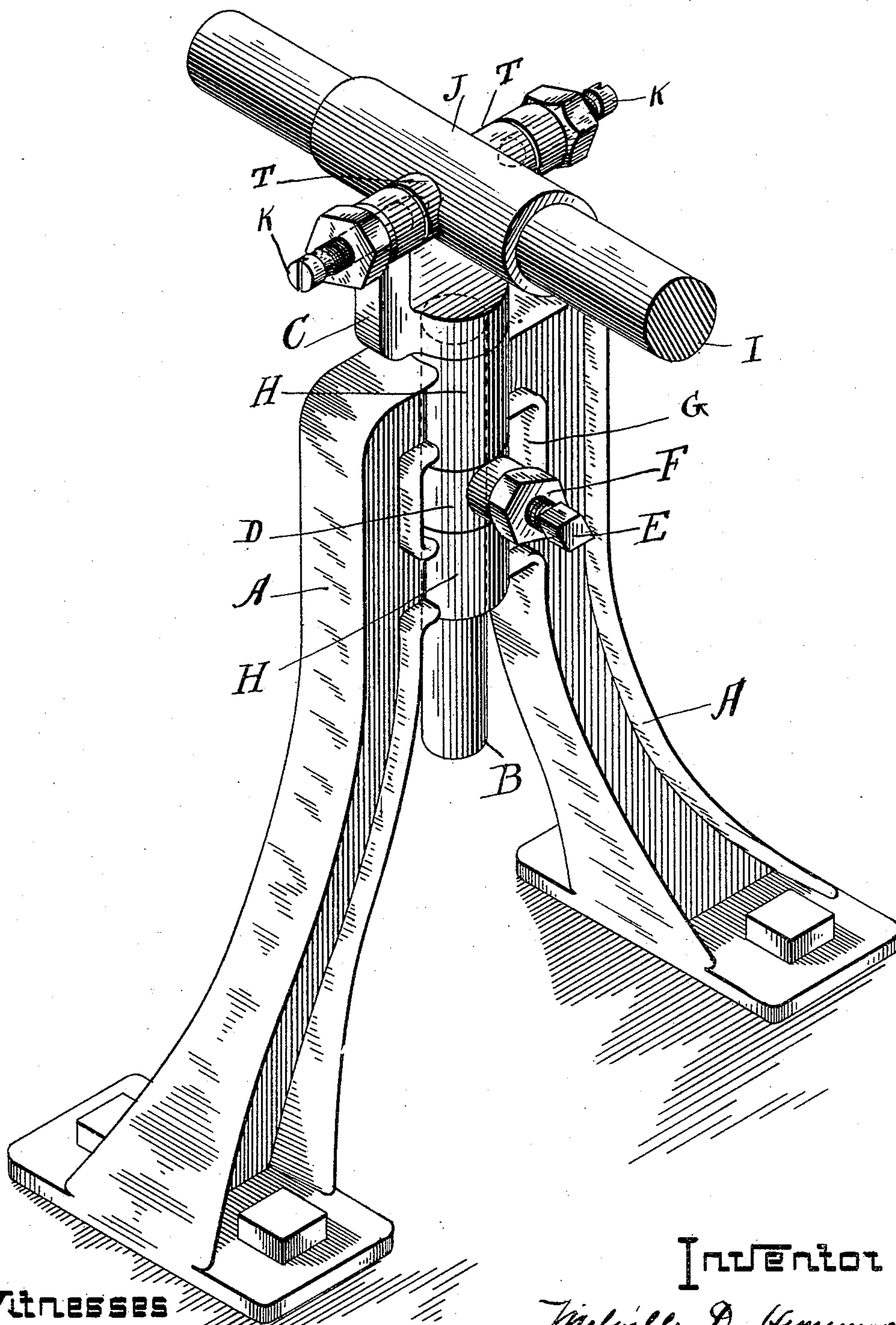
(No Model.)

M. D. HEMENWAY.

SHAFTING HANGER.

No. 429,723.

Patented June 10, 1890.



Witnesses

*A. S. Pare*  
*Geo. H. Ferguson*

Inventor

*Melville D. Hemenway*  
By *W. H. Parson*  
*Attorney*

# UNITED STATES PATENT OFFICE.

MELVILLE D. HEMENWAY, OF SAN FRANCISCO, CALIFORNIA.

## SHAFTING-HANGER.

**SPECIFICATION** forming part of Letters Patent No. 429,723, dated June 10, 1890.

Application filed January 13, 1890. Serial No. 336,723. (No model.)

*To all whom it may concern:*

Be it known that I, MELVILLE D. HEMENWAY, a citizen of the United States, residing in the city and county of San Francisco, State of California, have invented a new and useful Shafting-Hanger, of which the following is a specification.

My invention relates to hangers for shafting; and its mechanism is illustrated in the accompanying drawing, in which a spindle-frame A supports the movable spindle B and the bifurcated shaft-bearing frame C. The shaft-bearing frame C can be raised to any elevation within the length of the spindle B and held securely at the desired elevation by means of the collar D, set-screw E, and check-nut F.

The collar D is not fixed to the frame A, but has the freedom of the recess G, and the spindle B is thus permitted to oscillate about a vertical axis within the spindle-bearings H.

The bifurcated shaft-bearing frame C is at all times firmly fixed to the spindle B and oscillates with it.

The shaft I is held in the shaft-bearing J, which is provided with trunnions T, which are supported upon the pointed screw-pivots K, and the shaft-bearing oscillates freely upon the screw-pivots about a horizontal axis.

The combination of the oscillating shaft-bearing J with the oscillating spindle B furnishes a constant and automatic adjustment to any irregular motion of shafting arising from whatever cause.

The spindle-frame A is described herein and represented in the drawing as a standard; but it can be used either as a standard, hanger, or bracket, and can be thus attached to floor, overhead, or wall timbers, and in all positions in which it may be placed the axis of oscillation of the spindle B is at right angles to that of the shaft-bearing J.

My invention is adapted to any kind of shafting; but it is particularly adapted to light and flexible shafting, and to cases where electric motors, spring-motors, or small water-wheels are used, requiring economy of power and a minimum of resistance.

I claim—

The frame provided with a recess and with the spindle-bearings, the vertical spindle adapted to said bearings and having at its upper end a forked frame, the tubular shaft-bearing provided with trunnions, screw-pivots entering said trunnions, a collar about the spindle inserted between the spindle-bearings, and a set-screw passing through said collar and adapted to engage the vertical spindle, substantially as set forth, and for the purposes specified.

In witness whereof I have hereunto set my hand this 6th day of January, 1890.

MELVILLE D. HEMENWAY.

Witnesses:

A. S. PARÉ,  
GEO. H. FERGUSON.