

No. 705,025.

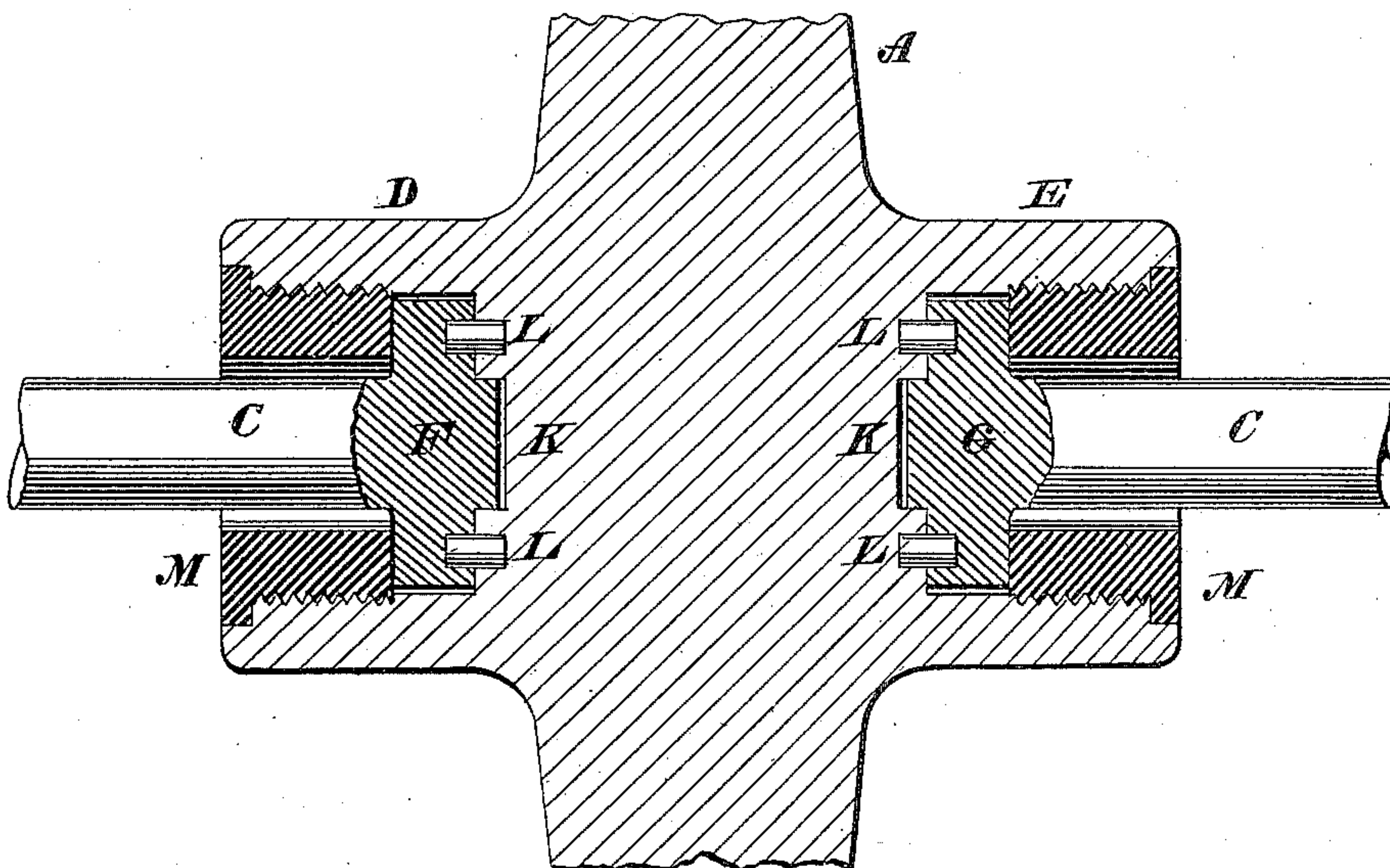
Patented July 22, 1902.

J. A. BOMGREN.

SUPPORT FOR STEAM TURBINE WHEELS.

(Application filed Apr. 8, 1902.)

(No Model.)



WITNESSES:

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JOHAN AXEL BOMGREN, OF STOCKHOLM, SWEDEN.

SUPPORT FOR STEAM-TURBINE WHEELS.

SPECIFICATION forming part of Letters Patent No. 705,025, dated July 22, 1902.

Application filed April 8, 1902. Serial No. 101,870. (No model.)

To all whom it may concern:

Be it known that I, JOHAN AXEL BOMGREN, of Jerla, Stockholm, Sweden, have invented a new and useful Improvement in Supports for Steam-Turbine Wheels, of which the following is a specification.

The accompanying drawing is a longitudinal section of my improved wheel-support.

The wheel A is provided with a hub D, provided with sockets to receive the enlarged end portions F G of the supporting-shaft C. The said end portions are provided with guide projections K and with two or more lugs L, all of which enter correspondingly-formed recesses in the bottom of said sockets. The outer portions of the hub-sockets are threaded to receive the flanged screw-plugs M, by which means the shaft ends F G are retained in the sockets. This construction affords a very firm and strong support for the wheel, which may be removed from its shaft by taking out the screw-plugs M.

I claim—

1. The combination of a wheel having on opposite sides central internally-threaded sockets, supporting-shafts therefor having en-

larged ends in said sockets, and screw-plugs surrounding said shafts and received in said sockets.

2. The combination of a wheel having on opposite sides central internally-threaded sockets, the said sockets in their bottoms having recesses, supporting-shafts for said wheel having enlarged ends to enter said sockets and projections on said ends to enter said recesses, and screw-plugs surrounding said shafts and received in said sockets.

3. The combination of a wheel having on opposite sides internally-threaded sockets, the said sockets in their bottoms having recesses, supporting-shafts C for said wheel having enlarged ends F, G to enter said sockets and a central projection K and projections L to enter said recesses, and screw-plugs M surrounding said shafts and received in said sockets.

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

JOHAN AXEL BOMGREN.

Witnesses:

H. RIDDERSTOLPE,
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