

J. PARRY.  
Furniture-Casters.

No. 135,286.

Patented Jan. 28, 1873.

FIG. 1.

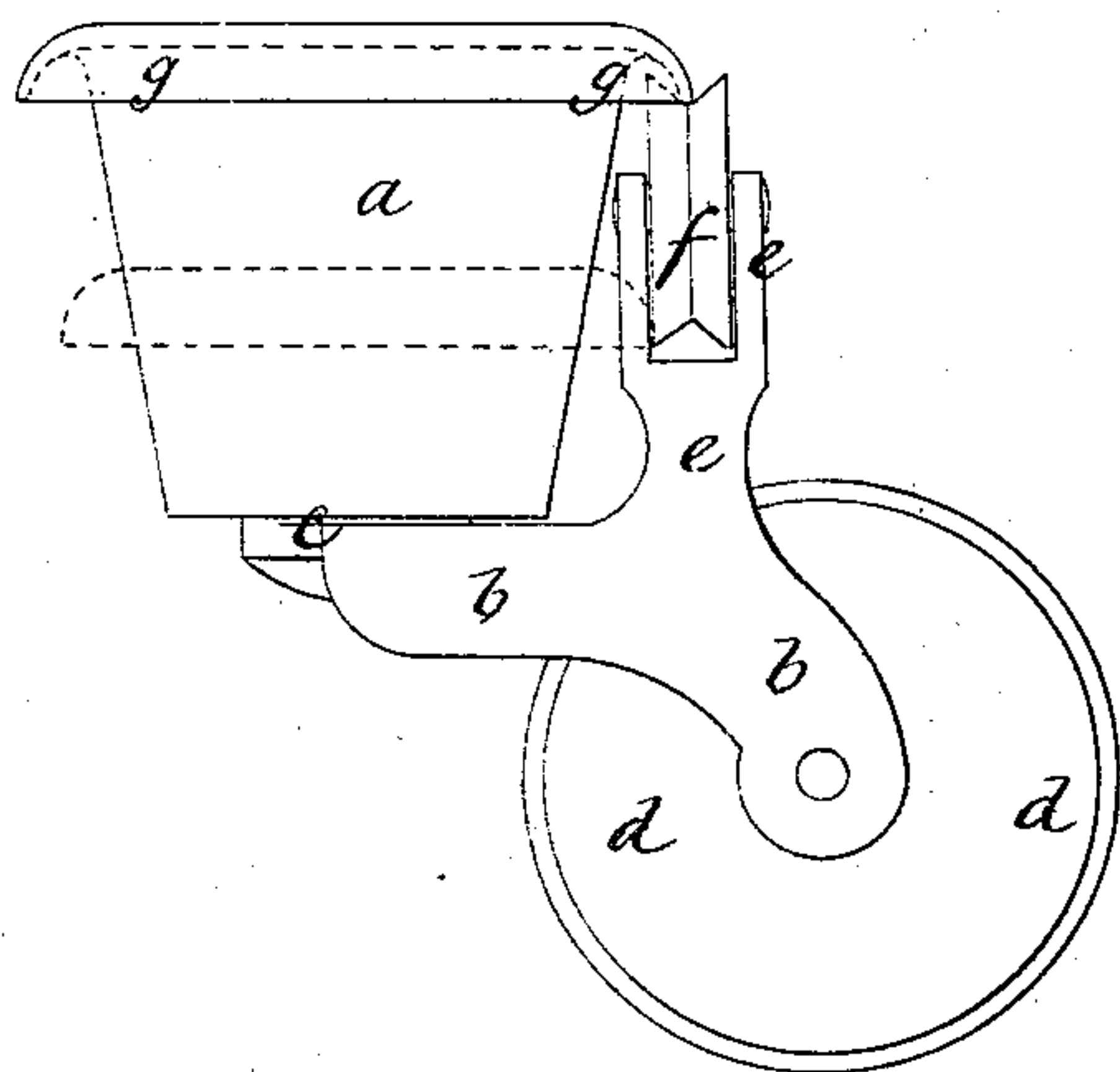


FIG. 2.

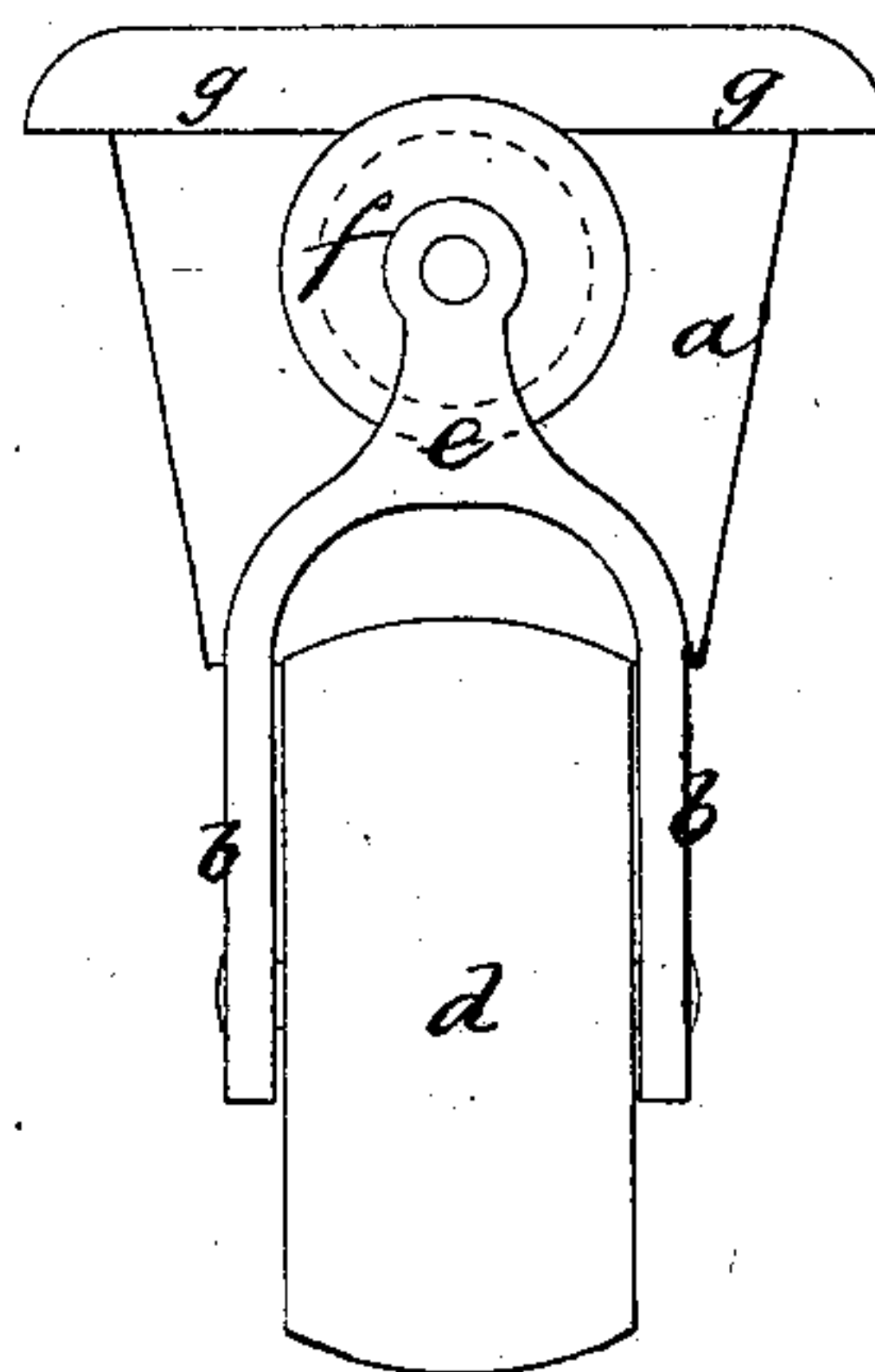


FIG. 3.

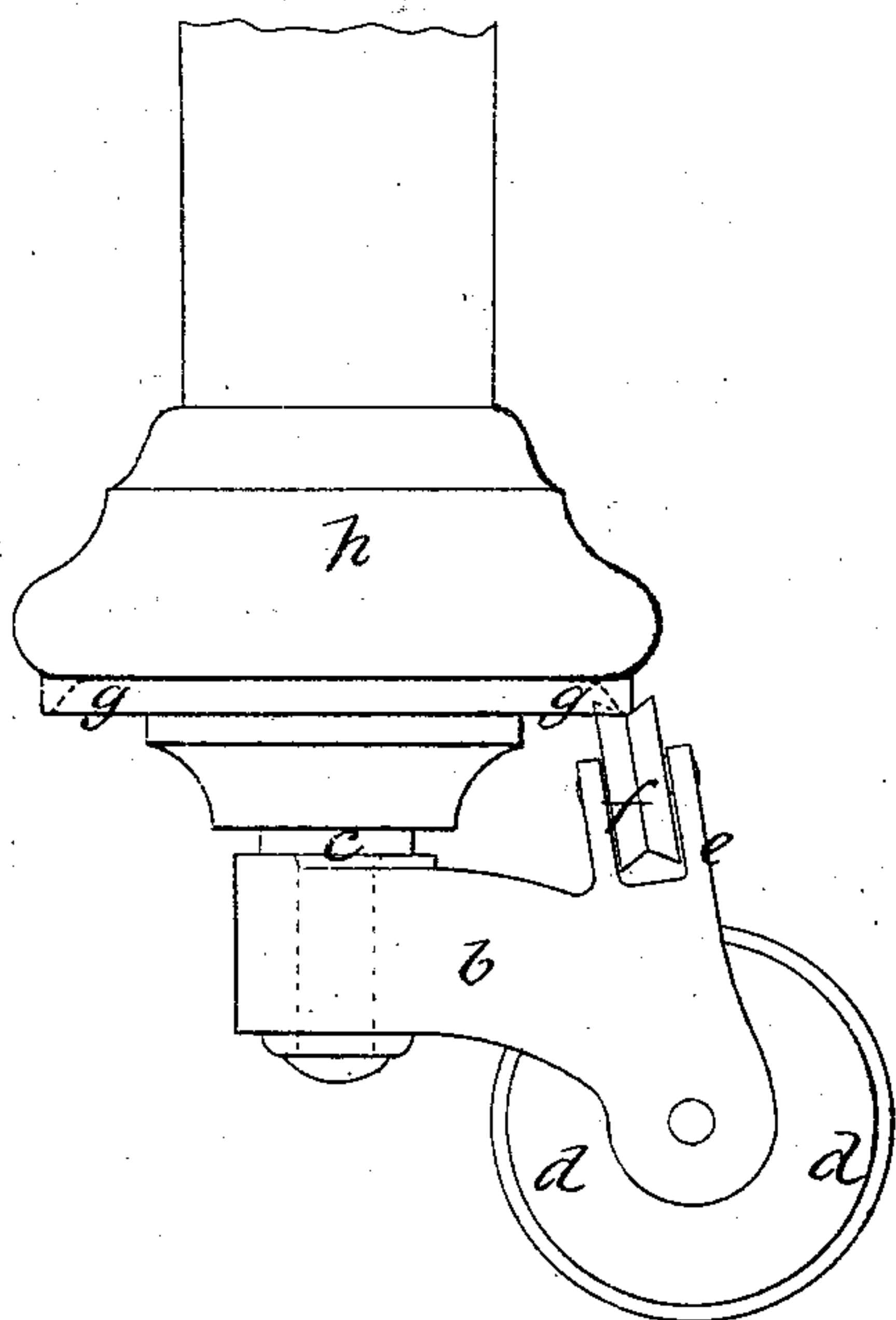
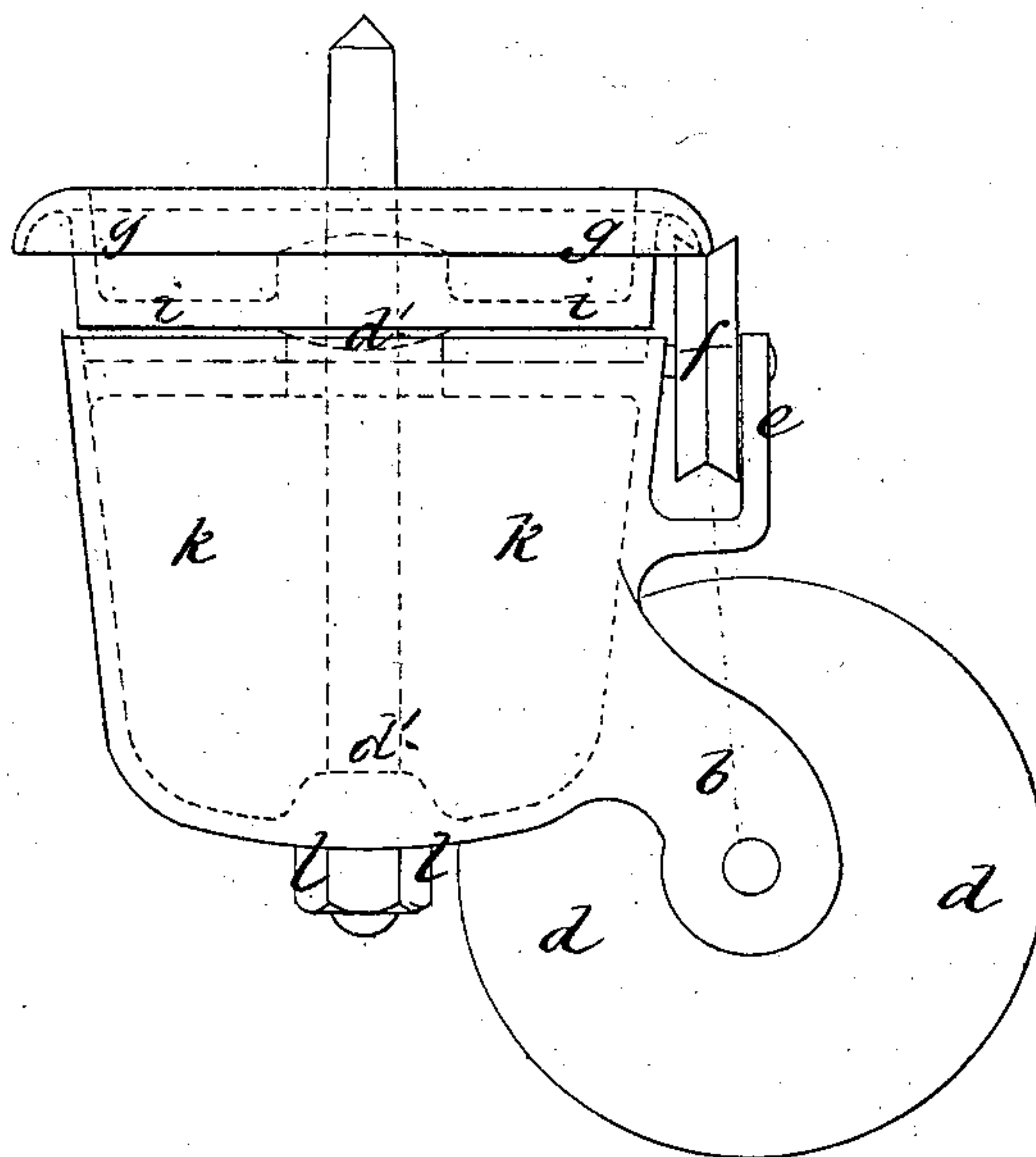


FIG. 4.



Witnesses  
J. H. Hughes  
W. H. Walker

John Parry

# UNITED STATES PATENT OFFICE.

JOHN PARRY, OF MANCHESTER, GREAT BRITAIN.

## IMPROVEMENT IN FURNITURE-CASTERS.

Specification forming part of Letters Patent No. **135,286**, dated January 28, 1873.

*To all whom it may concern:*

Be it known that I, JOHN PARRY, of Manchester, in the county of Lancaster, Kingdom of Great Britain and Ireland, have invented Improvements in Furniture-Casters, of which the following is a specification:

My invention relates to casters in which the pivoted bracket carrying the caster-wheel also carries a friction-wheel, arranged to bear against the under side of a disk or plate on the socket, and forming part of the caster; and my invention consists in substituting for the friction-wheel a grooved wheel or roller adapted to an annular rib on the socket, thereby relieving the pivot or central pin from the lateral strains to which it would otherwise be subjected.

In the drawing, which illustrates several modes of carrying my invention into effect, *b* represents the bracket turning on the pin *c* and carrying the roller or caster-wheel *d*. Across a slotted projection, *e*, of the bracket

*b* extends the pin of a grooved wheel or pulley, *f*, adapted to an annular rib, *g*, on the socket *a*.

It will be seen that the rib extending into the groove of the wheel relieves the central pivot of all lateral strain.

If desired, the pulley *f* may be placed at an angle, as shown in Figs. 1 and 3, so as to receive the thrust more directly.

### *Claim.*

The combination, in a caster, of a grooved wheel on the bracket and an annular rib on the socket, adapted to the wheel, as set forth.

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

JOHN PARRY.

Witnesses:

JNO. HUGHES,  
W. H. WALKER.