

# United States Patent Office.

LEOPOLD BERTSCHE, OF ALLEGHENY, PENNSYLVANIA.

Letters Patent No. 98,912, dated January 18, 1870.

## CASTER FOR FURNITURE.

The Schedule referred to in these Letters Patent and making part of the same.

### *To whom it may concern:*

Be it known that I, LEOPOLD BERTSCHE, of Allegheny, in the county of Allegheny, and State of Pennsylvania, have invented a new and improved Caster; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

### *Drawings.*

Figure 1 is a central vertical section, the eccentrics having been swung out so that the caster can be removed, the leg to which it has been attached having been partially lifted from the cylindrical socket within which it rests.

Figure 2 is also a central vertical section, showing the caster and leg combined and in readiness for use, the leg having been fully lowered into the socket, and the eccentrics having, by their own gravity, fallen into their natural position.

This invention relates to improvements in casters; and

It consists in combining, with the leg of a table, bureau, &c., a caster, provided with a cylindrical socket, the socket-piece having eccentric lugs, or their equivalent, to register with slots formed in the surface of the leg, as will be more fully hereinafter described.

Similar letters of reference indicate like parts in each of the figures.

A represents the leg of any article of furniture to which it is desired to attach my improved caster.

*a a* are slots cut in the surface, as clearly shown in fig. 1 of the drawings, for the purpose of admitting eccentrics G.

B C D is a caster-wheel, and its usual adjuncts, the pivot D, however, being only of sufficient length to pass through the bottom plate of the socket E.

E is a cylindrical socket, having vertical slots directly

opposite each other, within which are hung the eccentrics G and arms H.

Instead of having separate slots *a a*, a single slot may be cut the entire circumference of the leg.

The operation may be explained as follows:

When it is desired to combine the caster with the leg, the eccentrics G are thrown out by lifting the arms H, as clearly illustrated in fig. 1. The caster can then be pushed on, when the eccentrics and arms will, by their own gravity, fall into their natural position, as shown in fig. 2, and the caster and leg become firmly locked together.

When it is desired to detach the caster, it is only necessary to throw the eccentrics G out of slots *a* by lifting arms H.

The advantages that I claim are, among others, that it can be readily joined or detached; that it will not fall off when lifted from the floor; that it will not split the leg to which it has been joined, as is frequently the case with the ordinary casters now in use.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent of the United States, is—

1. The cylindrical socket E, in combination with one or more eccentrics G, said eccentrics with or without arms H, as herein shown and described, and for the purpose set forth.

2. The leg A, having one or more slots, or a single annular slot, in combination with eccentrics G and socket E, all as shown and described, and for the purpose set forth.

Signed, at Allegheny, in the county of Allegheny, and State of Pennsylvania, in the presence of two subscribing witnesses.

LEOPOLD BERTSCHE.

Witnesses:

JOHN H. MOONEY,

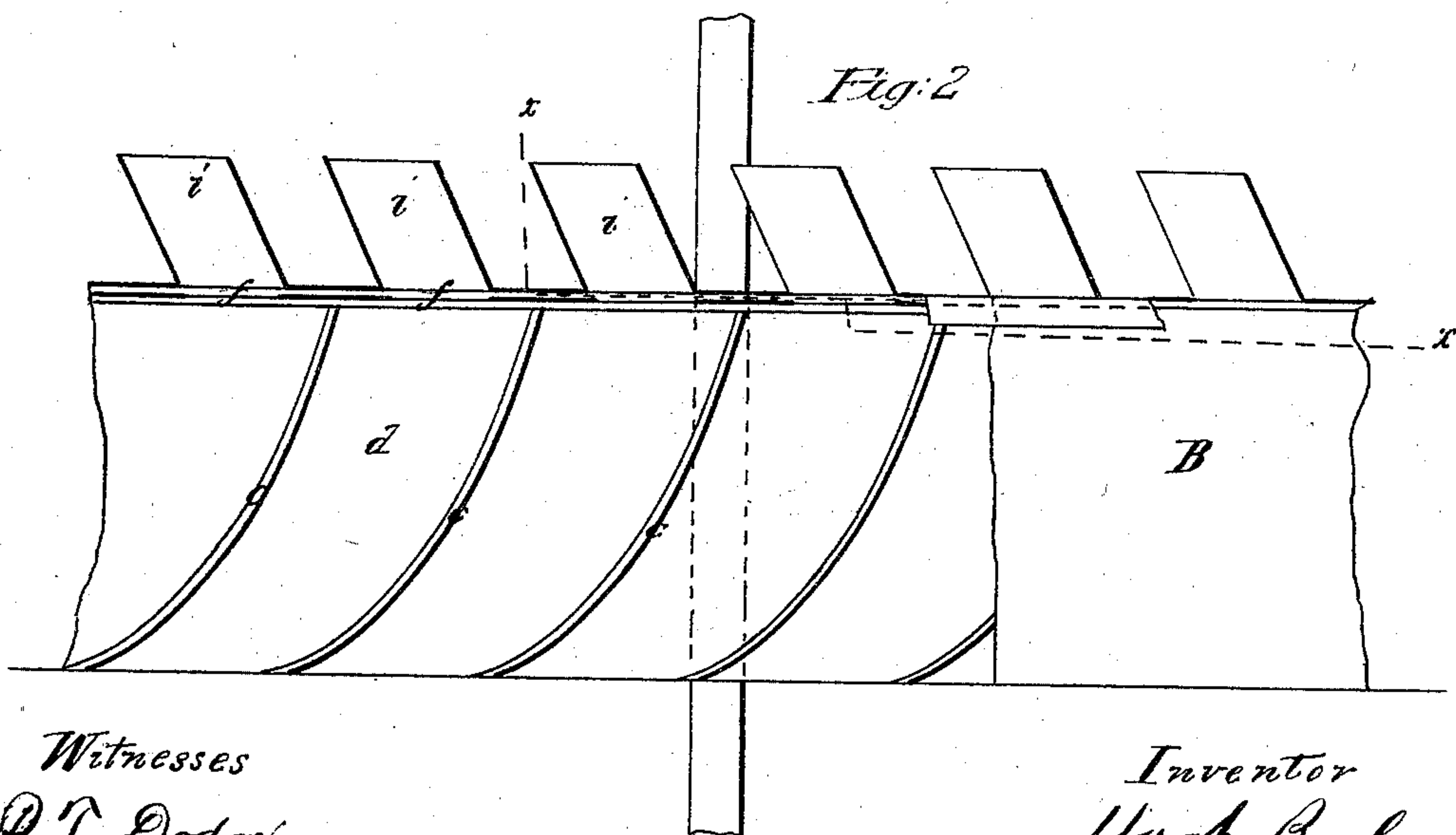
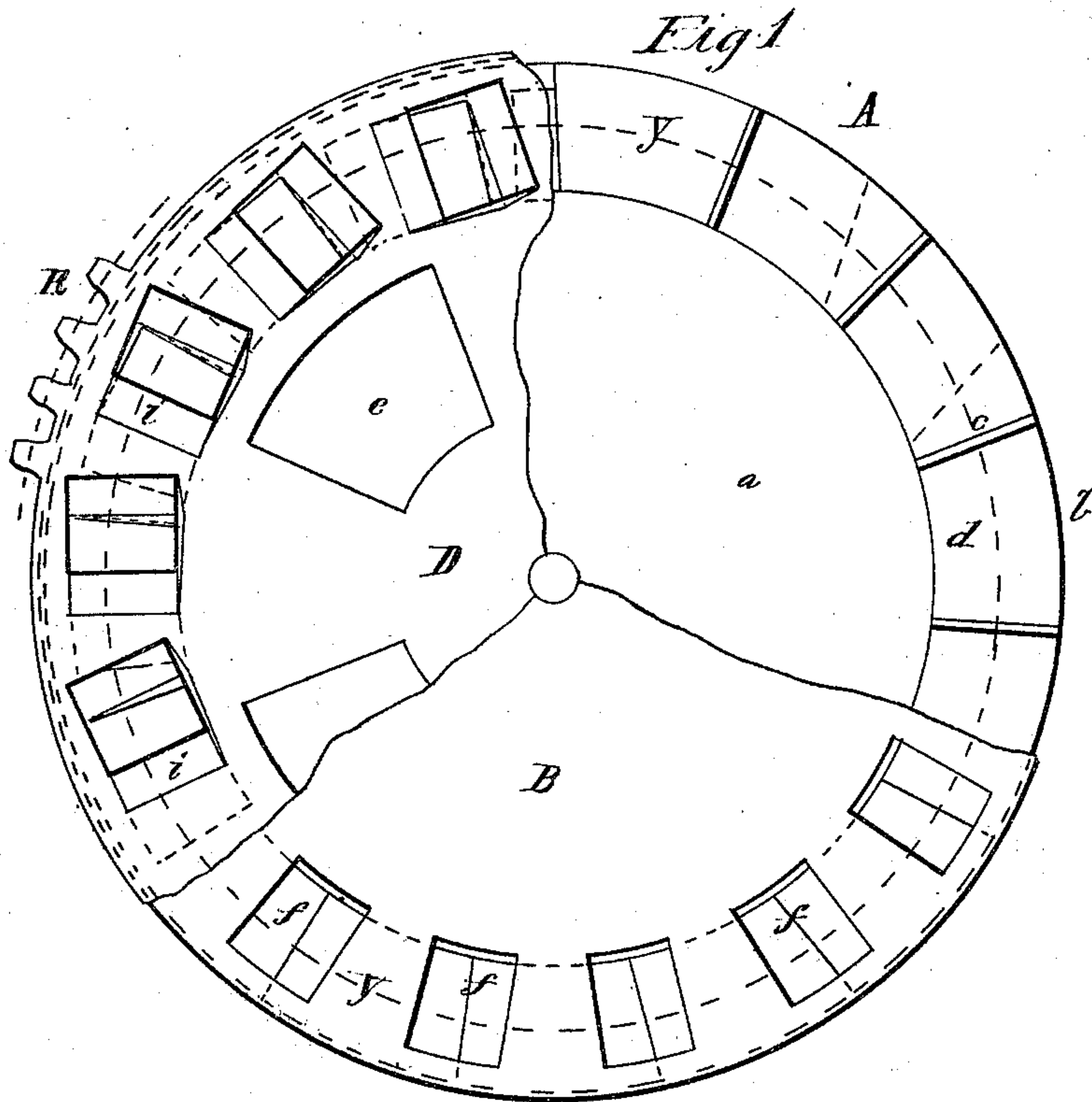
JOHN McDOWELL.

*H. Boyle.*

*Turbine Water Wheel.*

*N<sup>o</sup> 98,913.*

*Patented Jan. 18, 1870.*



*Witnesses*  
*D. T. Dodge*  
*L. Wailer*

*Inventor*  
*Hugh Boyle*  
*by Dodge Munn*  
*his attys*