

W. R. PERRY.  
Wheelwright Machines.

No. 150,783.

Patented May 12, 1874.

Fig. 1.

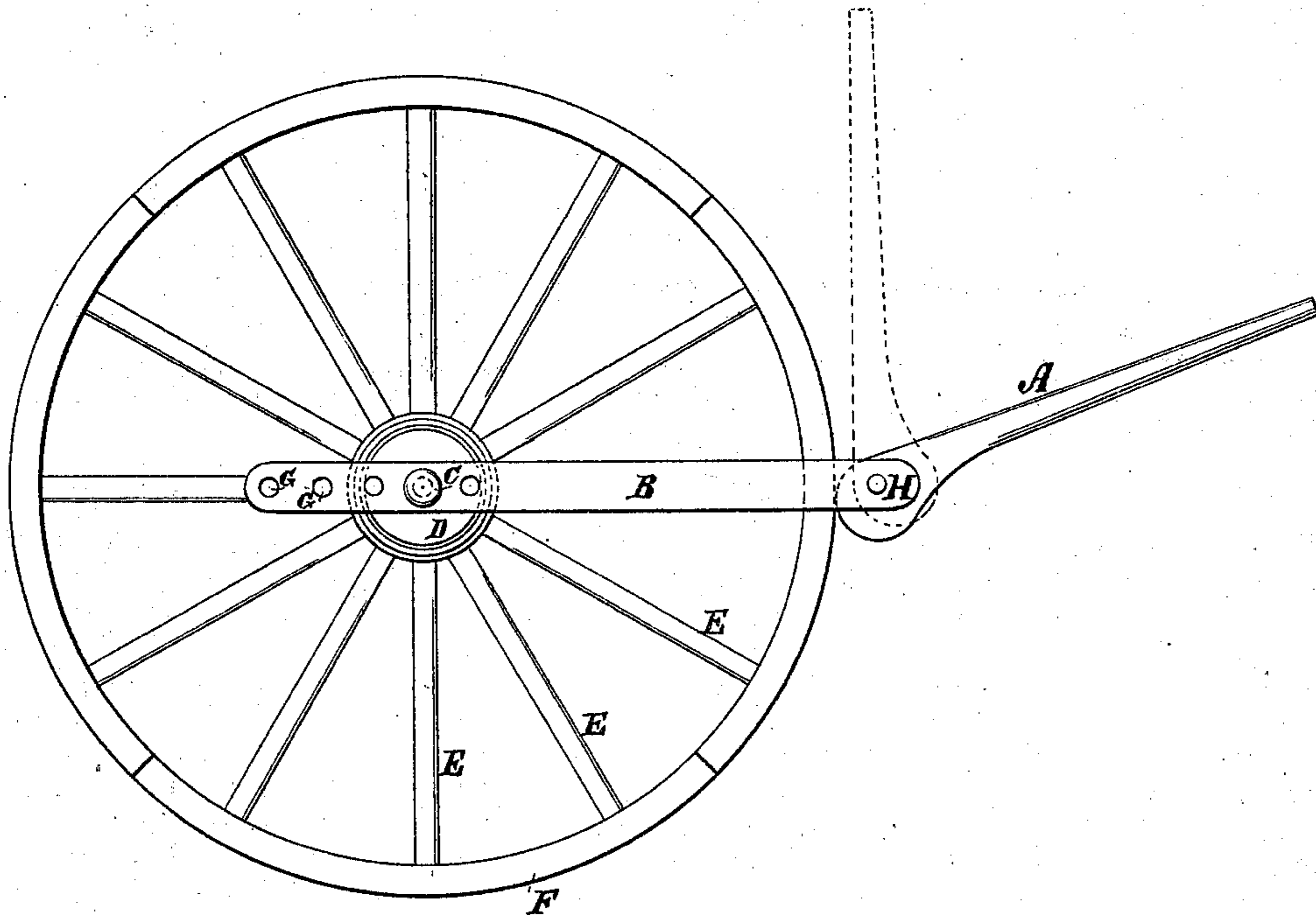
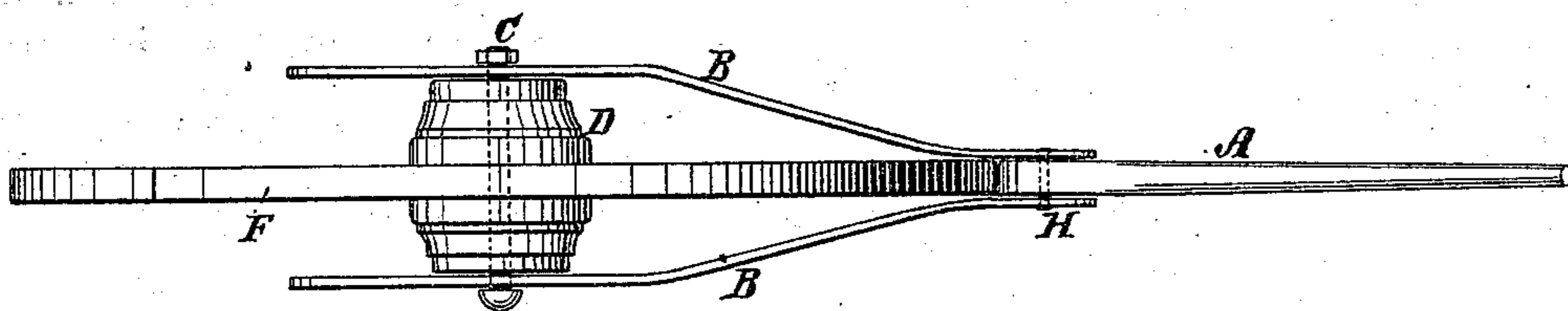


Fig. 2.



Witnesses:

A Bennekenndorf  
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# UNITED STATES PATENT OFFICE.

WILLIAM R. PERRY, OF GAINES, PENNSYLVANIA.

## IMPROVEMENT IN WHEELWRIGHT-MACHINES.

Specification forming part of Letters Patent No. **150,783**, dated May 12, 1874; application filed October 11, 1873.

*To all whom it may concern:*

Be it known that I, WILLIAM R. PERRY, of Gaines, in the county of Tioga and State of Pennsylvania, have invented a new and useful Improvement in Wheelwright-Machines, of which the following is a specification:

My object in this invention is to facilitate the manufacture of wheels, intended more especially for wagon and carriage wheels, but applicable to all wheels which have fellies and central hubs.

In the drawing, Figure 1 is a side elevation, showing the device applied, and Fig. 2 is an edge view of the same.

Similar letters of reference indicate corresponding parts.

This invention consists of an eccentric lever, A, connected with the wheel by means of two straps, B B, a central bolt, C, and a fulcrum-pin, H. D represents the wheel-hub; E, the spokes; and F the fellies. The straps B B are provided with a series of holes, G, so that the device may be applied to wheels of different diameters. These adjusting-holes may be at the other end of the straps, if desired, so that

the fulcrum-pin H may be moved, but I prefer the arrangement shown in the drawing.

As seen in the drawing, the end of the eccentric lever is bearing on the felly as when the power is being applied. When the lever is not in use it is in the position seen in dotted lines in Fig. 1.

The manner of applying the device is readily understood from the drawing. The straps turn on the pivot-bolt C, and the lever is carried around from one spoke to another, and the felly is pressed onto the spokes without bruising or battering it with a hammer, and in the most rapid and permanent manner. For this especial purpose the continued action of the press is far more effective than blows.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination of the bolt C, straps B B, and cam-lever A, as and for the purpose described.

Witnesses: WILLIAM R. PERRY.  
S. H. BILLINGS,  
FRANK SEARS.