

(No Model.)

E. L. BABCOCK.

PULLEY WHEEL.

No. 285,869.

Patented Oct. 2, 1883.

FIG. 1

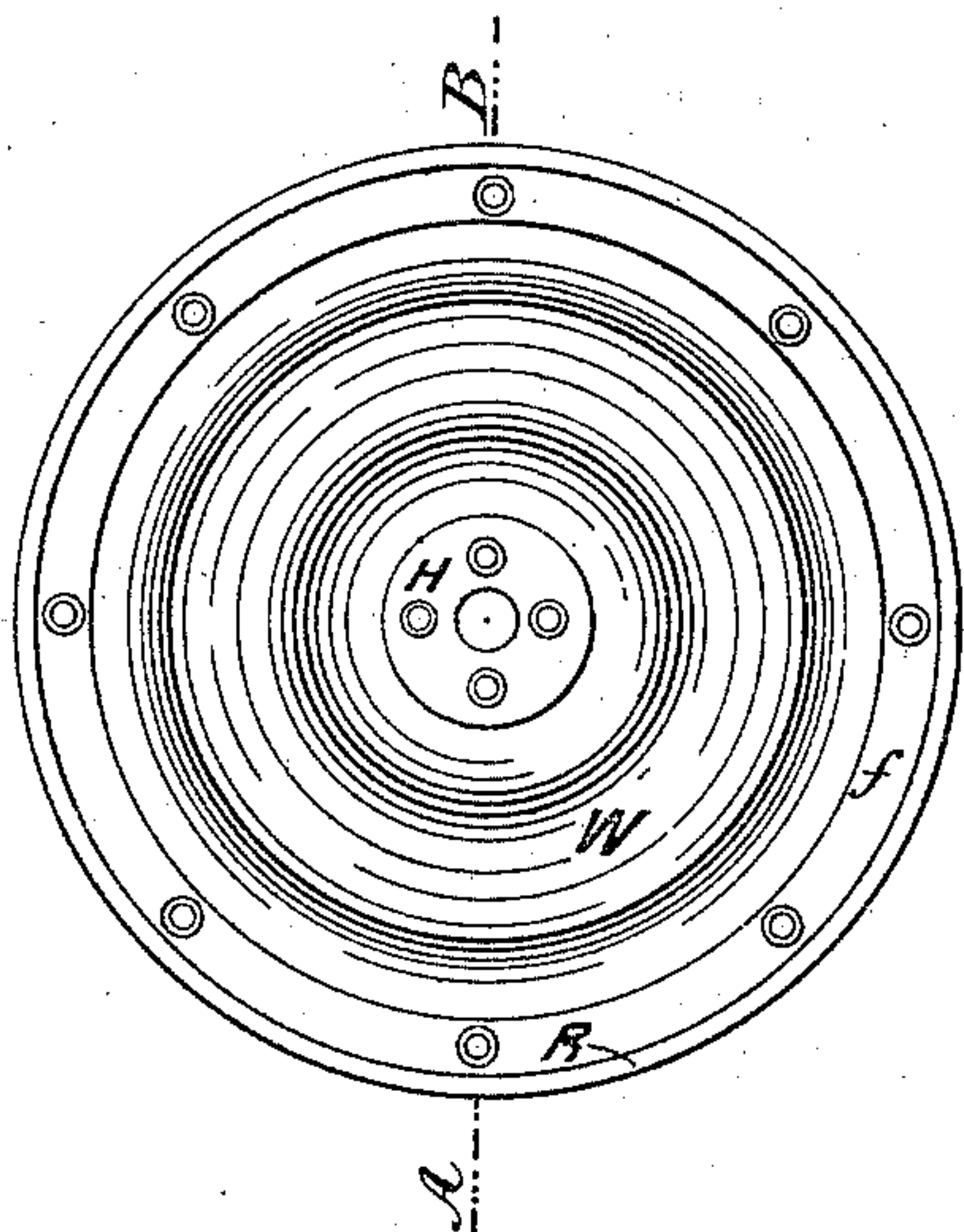


FIG. 2

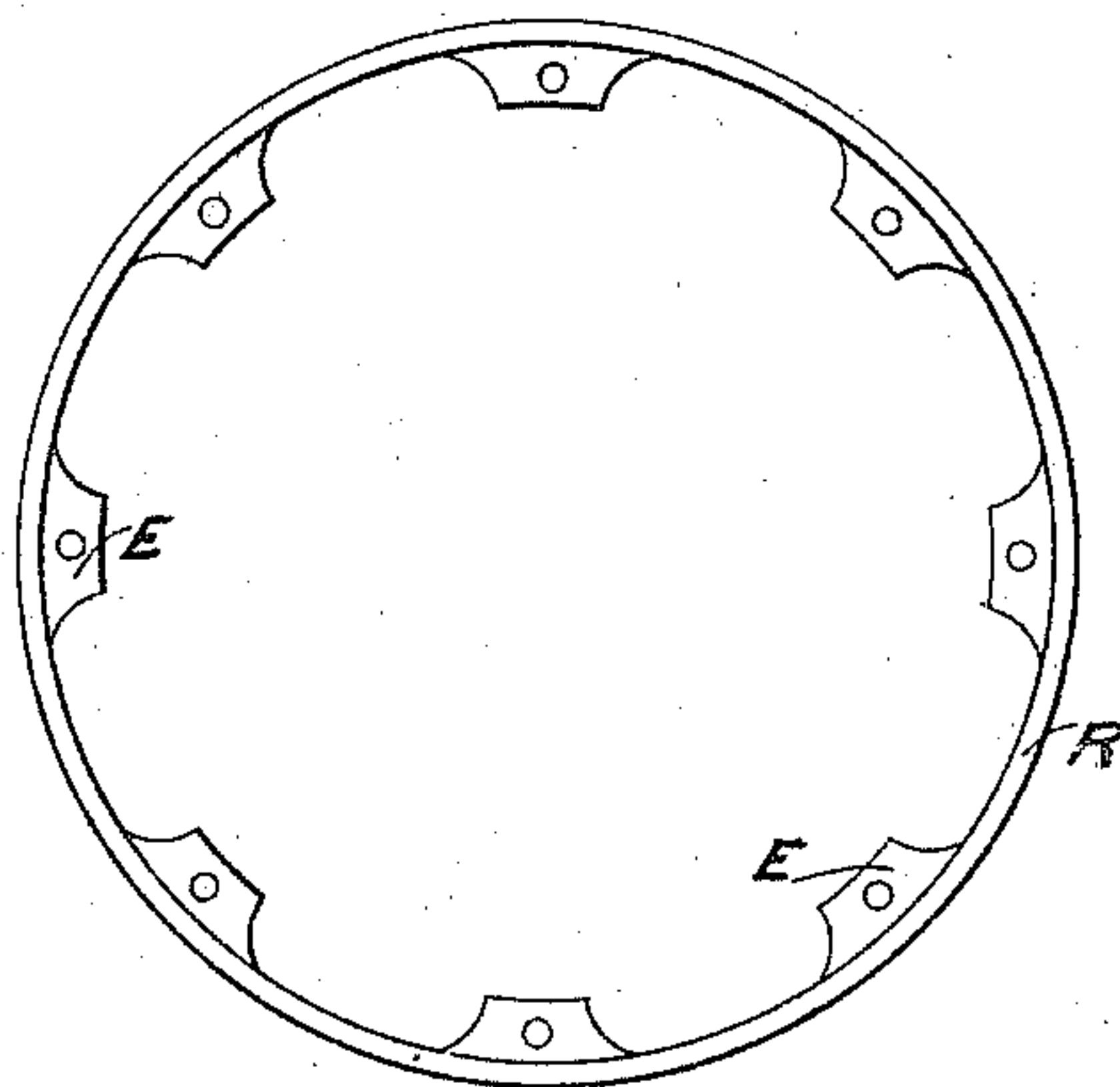
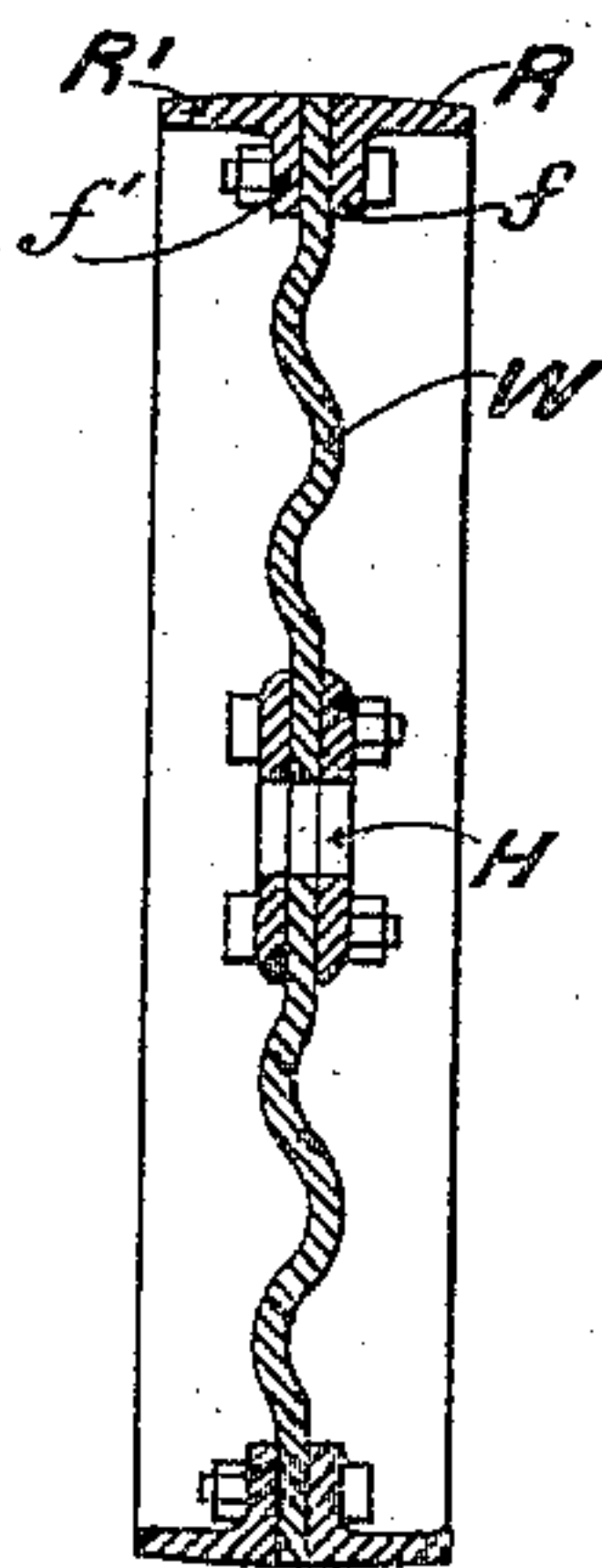


FIG. 3



WITNESSES.

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ERSKINE L. BABCOCK, OF CUYAHOGA FALLS, OHIO, ASSIGNOR TO THE
INDIANAPOLIS MACHINE AND BOLT WORKS, OF INDIANAPOLIS, IND.

PULLEY-WHEEL.

SPECIFICATION forming part of Letters Patent No. 285,869, dated October 2, 1883.

Application filed June 9, 1883. (No model.)

To all whom it may concern:

Be it known that I, ERSKINE L. BABCOCK, of Cuyahoga Falls, Ohio, have invented a new and useful Improvement in Pulley-Wheels, of
5 which the following is a description, reference being made to the accompanying drawings, in the several figures of which similar letters indicate similar parts.

My invention relates to the manufacture of
10 pulley-wheels wherein the web is made of a single thickness of corrugated sheet metal, and the means of fastening the web to the rim, and will be understood from the following description.

15 Figure 1 is a front view of a pulley-wheel in which H is the hub, W the web of corrugated metal, R the rim, which is made in two sections; and *f* is a continuous circumferential flange extending downward at right angles to the top of the rim. This is shown in
20 Fig. 3, which is a cross-section on the line A B, Fig. 1. The rim is made in two halves or sections, (marked for distinction in this Fig. 3 as R and R',) and *f f'* are the two circumferential flanges, which, as before mentioned, are
25 continuous round the under side of each half of the rim. They are not traced clear round the inside of the rim in Fig. 3, because the representation of them would interfere with

the lines of the hub and web and confuse the
view. The web, which is straight at the upper end, and may be made straight all the way to the hub, if desired, is placed between the two sections of the rim, and bolts are put
35 through the web and flanges, binding all tightly together, and the top is smoothed to a uniform even surface.

In Fig. 2, which is a view of one half the rim, (either half, instead of a continuous circumferential flange,) are shown ears E, and
40 two of these sections are bolted together, with the web between them, through holes in these ears.

What I claim, and desire to secure by Letters Patent, is the following:
45

A pulley-wheel wherein a sheet-metal web is secured between the parts of a divided rim by means of bolts passing through a continuous flange, or flanged ears integral on either side with that part of the rim, substantially as
50 described.

In witness whereof I have hereunto set my hand and seal this 4th day of June, 1883.

ERSKINE L. BABCOCK. [L. S.]

Witnesses:

JAMES W. PEEBLES,
J. C. CASTLE.