

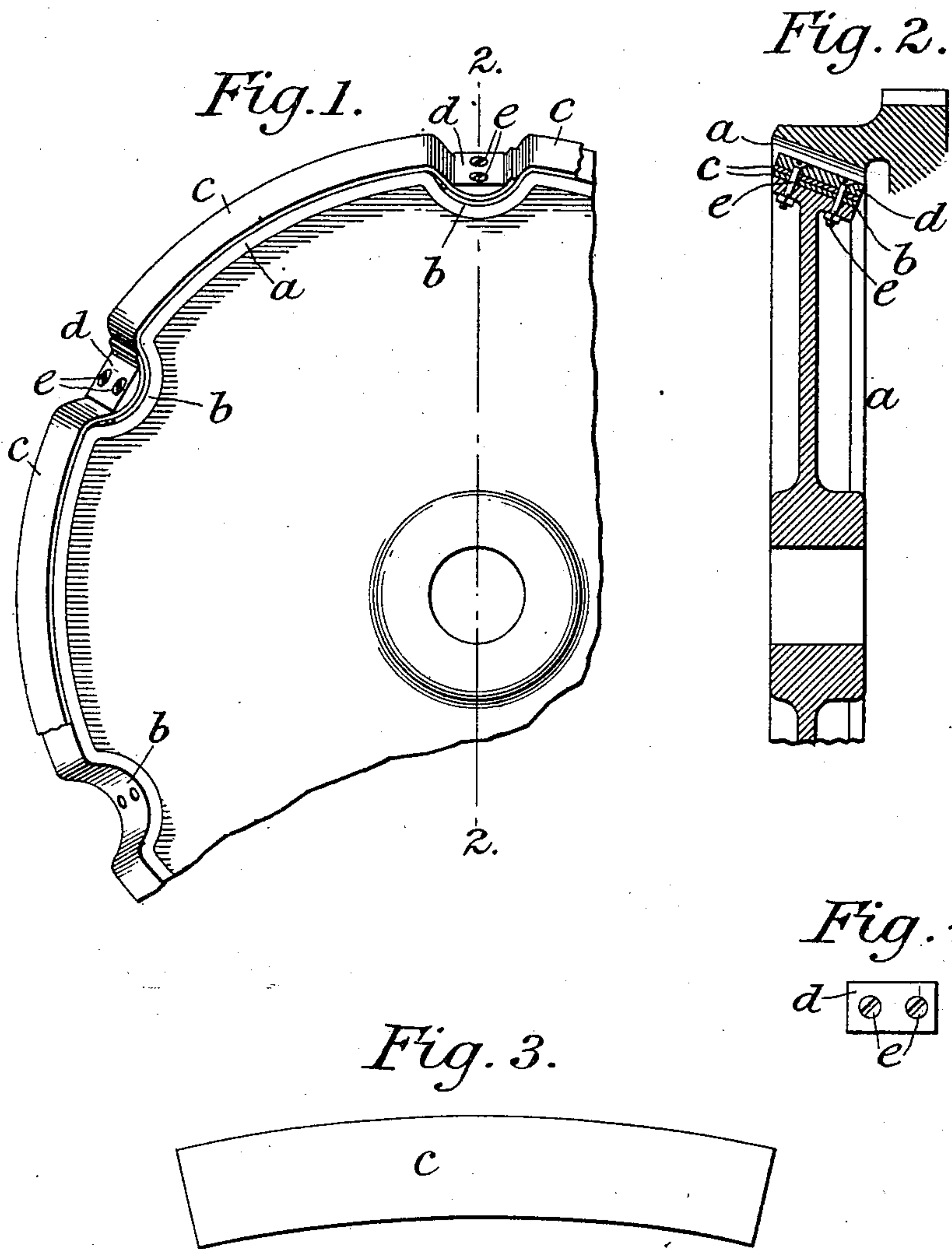
No. 658,444.

Patented Sept. 25, 1900.

C. W. HUNT.
FRICTION WHEEL.

(Application filed Apr. 14, 1900.)

(No Model.)



Attest:
A. N. Jesbera.
J. M. Scoble.

Inventor:
Charles W. Hunt
by Redding, Kiddle Greeley
Attys.

UNITED STATES PATENT OFFICE.

CHARLES W. HUNT, OF NEW YORK, N. Y.

FRICITION-WHEEL.

SPECIFICATION forming part of Letters Patent No. 658,444, dated September 25, 1900.

Application filed April 14, 1900. Serial No. 12,812. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. HUNT, a citizen of the United States, residing in West New Brighton, borough of Richmond, city of New York, State of New York, have invented certain new and useful Improvements in Friction-Wheels, of which the following is a specification, reference being had to the accompanying drawings, forming a part hereof.

10 This invention relates particularly to the means for securing the usual leather friction-surface on friction-wheels. Various means have been used hitherto for securing the leather on the wheel; but all of such fastening devices wear off quickly or pull through the leather.

20 The object of this invention is to provide for so fastening the leather that the fastening devices shall neither be exposed to wear nor tend to cut or pull through the leather.

The invention will be more fully described hereinafter with reference to the accompanying drawings, in which—

25 Figure 1 is a partial front view of a conical friction-wheel to which the leather friction-surface is applied in accordance with this invention. Fig. 2 is a section on the plane indicated by the line 2 2 of Fig. 1, a portion of the cooperating wheels being also shown. 30 Fig. 3 is a plan view of one of the strips of leather in readiness for application to the wheel. Fig. 4 is a plan view of the washer shown in Figs. 1 and 2.

35 The wheel shown in part in Figs. 1 and 2 is of the usual conical form. Its rim *a* is provided at intervals with rounded depressions *b*, which extend across the face of the

rim. Each leather strip *c*, which is formed to fit the rim, is extended from one depression *b* to the next, its ends lying in and extending nearly across the respective depressions, so that the end of one strip overlaps the end of the next strip. Over the overlapping ends of two strips is placed a washer *d*, which is conformed to the depression and is held firmly to the wheel by any suitable means, as by screws or bolts *e*, which pass through the leather strips and into or through the rim of the wheel. Each washer lies wholly within the surface of the wheel-rim, so that it is subject to no wear whatever. It will be observed that by the described means of securing the leather strips to the wheel not only is each leather strip firmly and securely fastened while there is no wear upon the fastening device, but there is no tendency of the fastening device to cut the leather, nor is it possible for the leather to pull away from the fastening device.

I claim as my invention—

60 The combination with a friction-wheel having rounded depressions across its face, of friction-strips applied to the face of the wheel and having their ends overlapping in said depressions, and washers fastened to the wheel in said depressions over the overlapping ends of the strips, substantially as shown and described.

This specification signed and witnessed this 12th day of April, A. D. 1900.

CHARLES W. HUNT.

In presence of—

JOHN F. SMITH,
W. H. VREELAND.