

(No Model.)

E. S. SUTTON.

SAND BAND.

No. 283,301.

Patented Aug. 14, 1883.

Fig. 1.

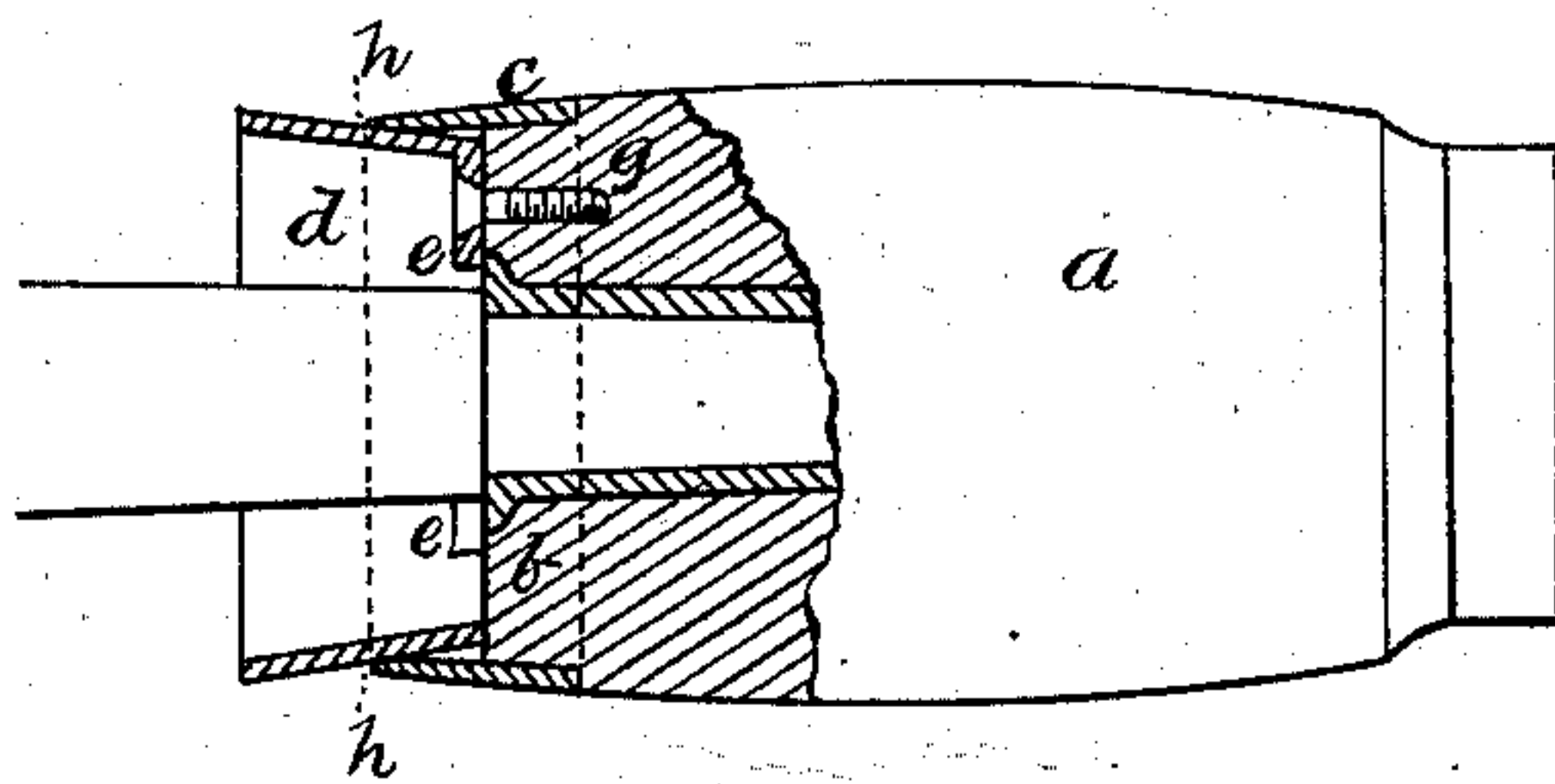


Fig. 2.

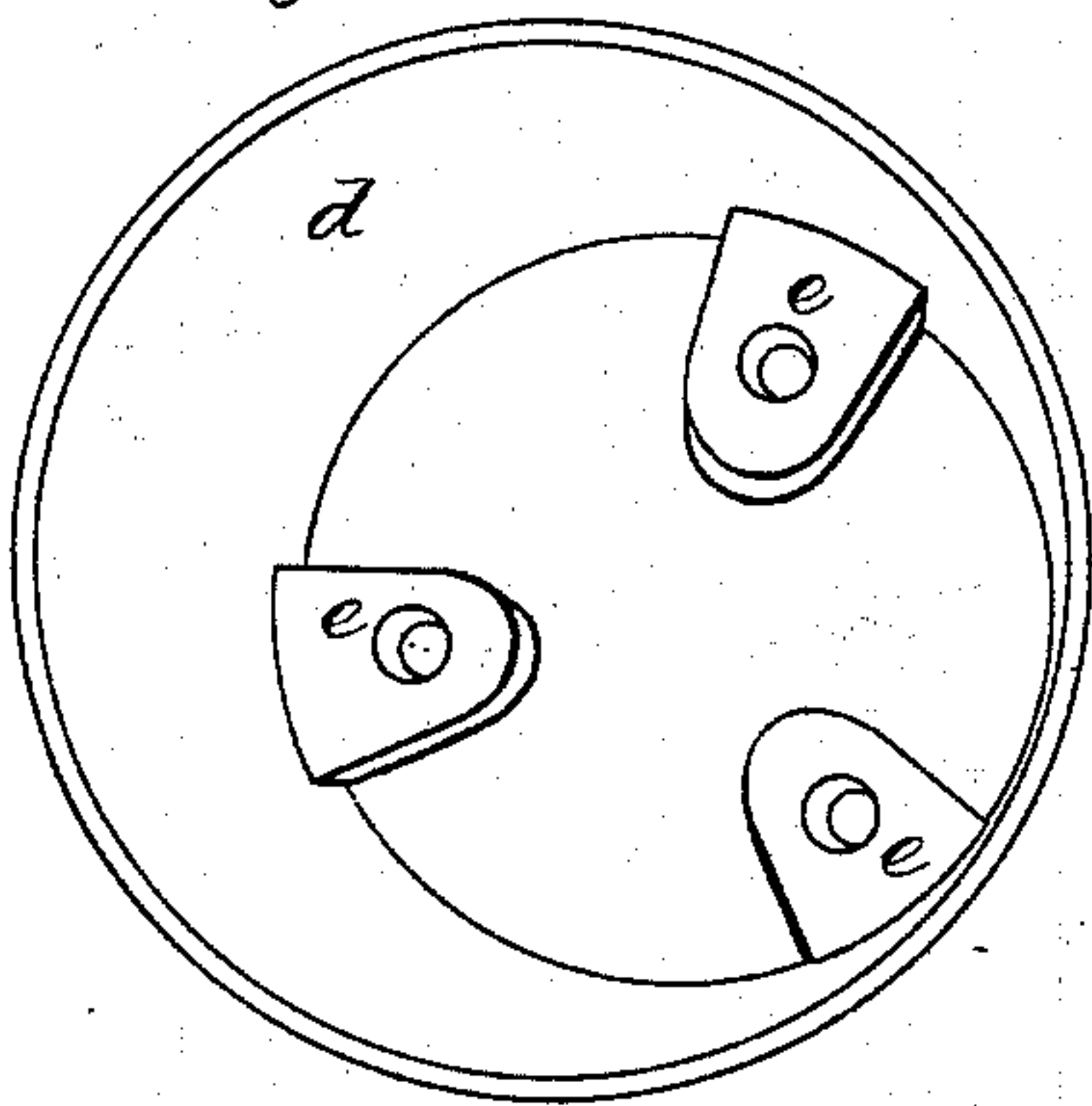
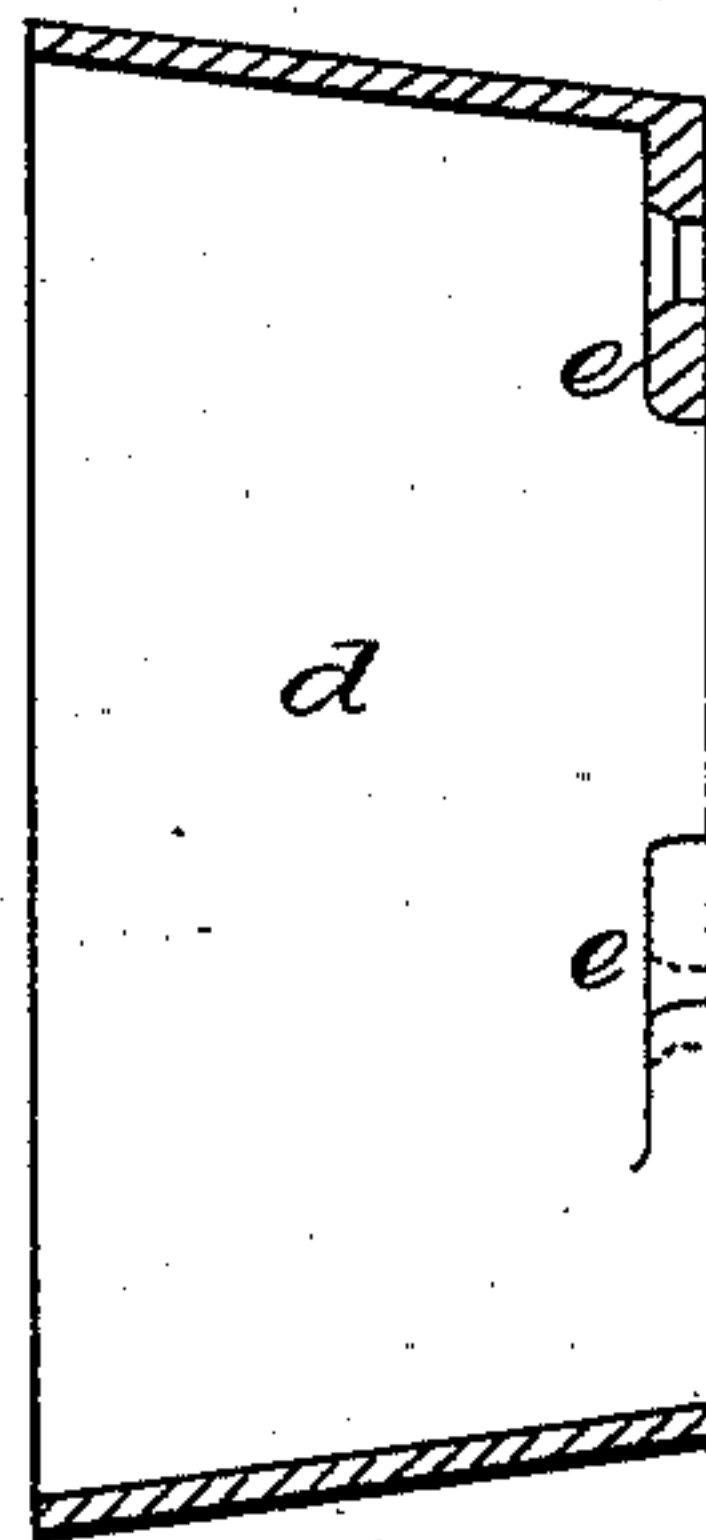


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

EUGENE SILAS SUTTON, OF MENOMONEE, WISCONSIN.

SAND-BAND.

SPECIFICATION forming part of Letters Patent No. 283,301, dated August 14, 1883.

Application filed March 10, 1883. (No model.)

To all whom it may concern:

Be it known that I, EUGENE S. SUTTON, a citizen of the United States, and a resident at Menomonee, in the county of Dunn and State of Wisconsin, have invented certain new and useful Improvements in Sand-Bands; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of a partial longitudinal section illustrating this invention. Fig. 2 is a perspective view of the conical sand-band. Fig. 3 is a sectional view of the sand-band.

This invention has relation to sand-bands for the hubs of vehicle-wheels; and it consists in the construction and novel arrangement, in connection with a collar-band on the back end of the hub, having its rim-wall projecting beyond said back end, of a conically-flaring sand-band, having its small end seated within the projecting portion of the collar-band in close engagement with the rim thereof, and secured to the hub by means of screws passing through interior lugs of said sand-band into the end of the hub, all as hereinafter set forth.

In the accompanying drawings, the letter *a* designates a wheel-hub, and *b* the back end thereof, to which is secured, by means of pins,

screws, or other common fastening, a circum-scribing collar-band, *c*, the rim-wall of which projects beyond the back end of said hub.

d represents the sand-band, which is of conically-flaring form, and is provided with internal lugs, *e*, at its smaller end, said lugs being perforated to receive screws *g*, which pass into the back end of the hub and serve to secure the sand-band thereto. The sand-band is seated in place by inserting its smaller end within the collar-band and forcing it home against the end of the hub, thereby bringing its middle portion into close contact with the rim *h* of the collar-band, the circular span of which should be such that it will fit the outer surface of the sand-band tightly when the latter is pressed into position and drawn home by the fastening-screws.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

A conically-flaring sand-band having internal perforated lugs at its small end, and adapted to be secured to the back end of a wheel-hub in forcible contact with the projecting rim-wall of a collar-band attached to said hub at its back end, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

EUGENE SILAS SUTTON.

Witnesses:

JOHN KELLEY, Jr.,
WILL J. NOTT.