

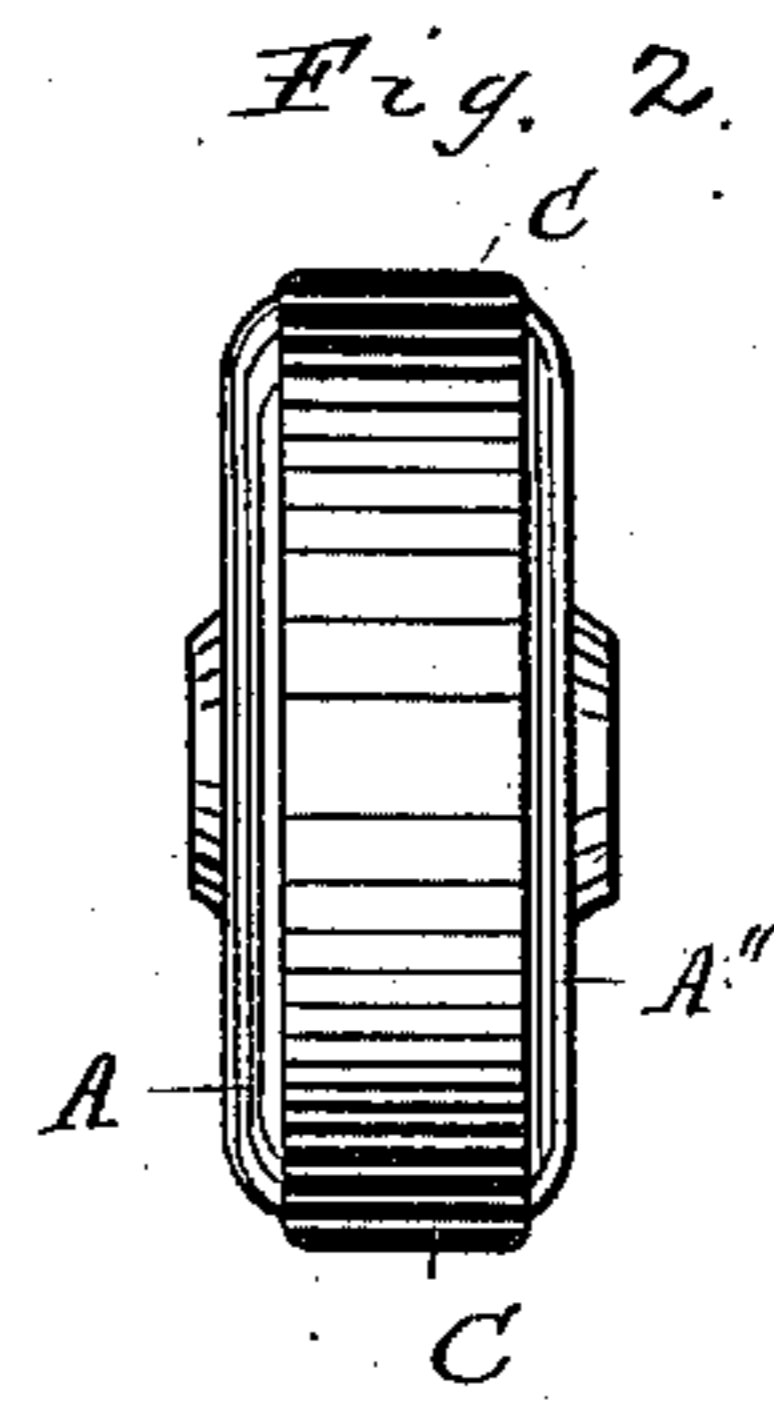
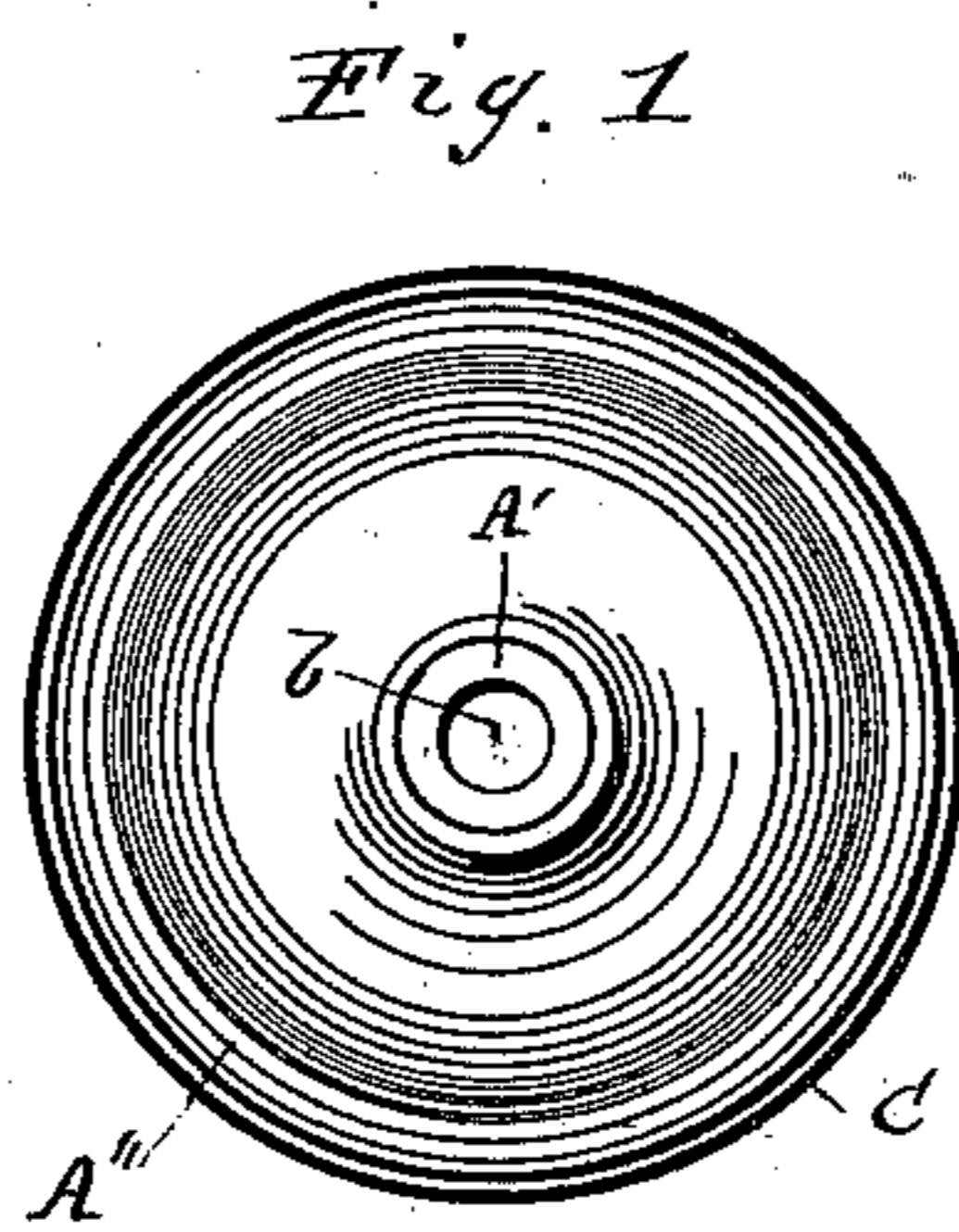
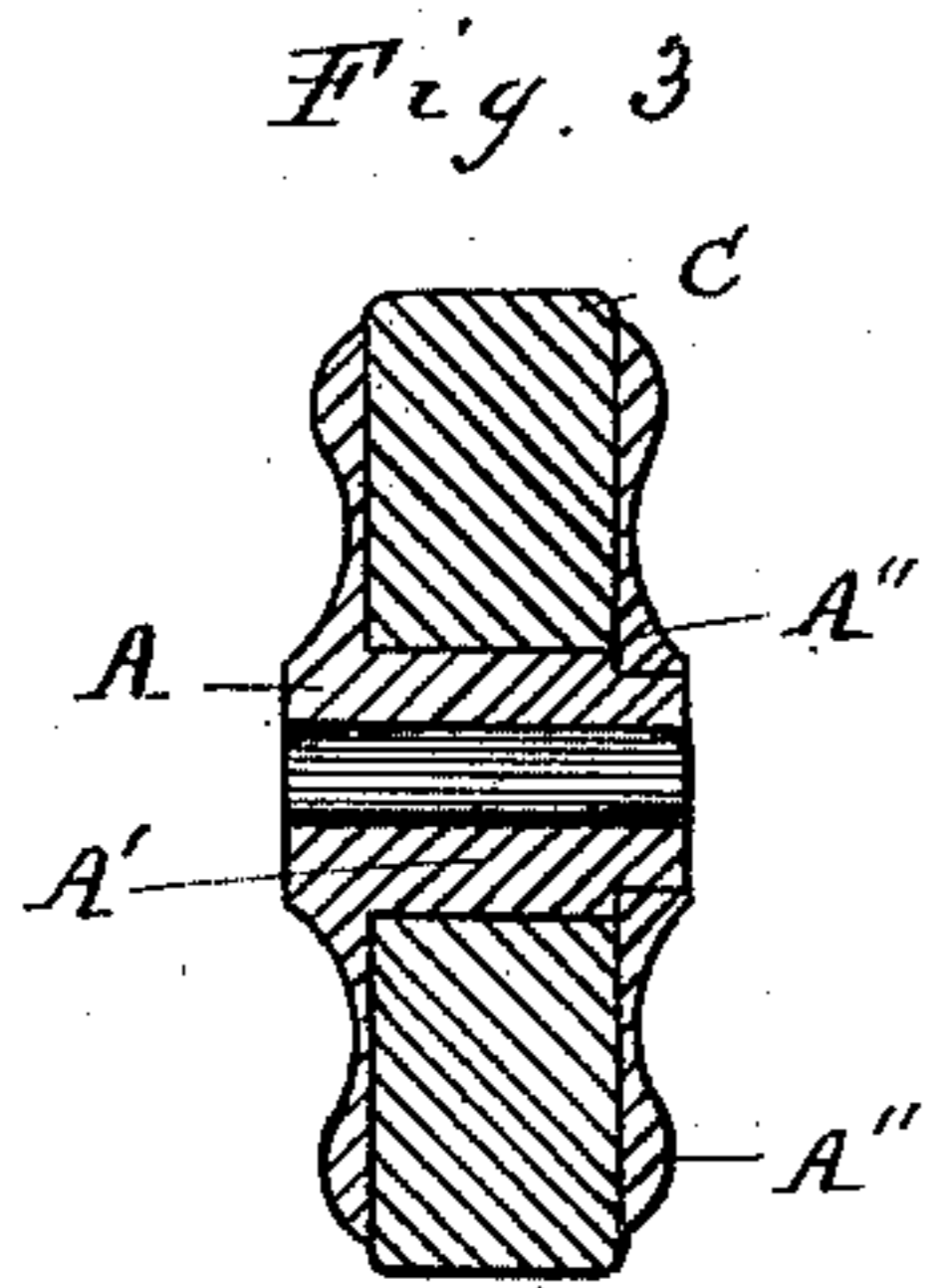
(No Model.)

S. R. RUST.

WHEEL FOR ROLLER SKATES.

No. 309,253.

Patented Dec. 16, 1884.



WITNESSES
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UNITED STATES PATENT OFFICE.

SOLON R. RUST, OF PINE MEADOW, CONNECTICUT.

WHEEL FOR ROLLER-SKATES.

SPECIFICATION forming part of Letters Patent No. 309,253, dated December 16, 1884.

Application filed April 29, 1884. (No model.)

To all whom it may concern:

Be it known that I, SOLON R. RUST, a citizen of the United States, residing at Pine Meadow, in the county of Litchfield and State of Connecticut, have invented certain new and useful Improvements in Wheels for Roller-Skates, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to improvements in wheels for roller-skates, the object of which is to furnish a durable wheel for this purpose which will not slip. This object is attained by the devices illustrated in the accompanying drawings, forming a part of this specification, in which—

Figure 1 is an elevation. Fig. 2 is an elevation. Fig. 3 is a transverse section on the line *x x* of Fig. 2.

20 The letter A indicates a metal plate, having on one side a central portion, A', extending outwardly to form a hub, which is perforated by the opening B to receive the axle of the skate. The hub A' is slightly reduced at one end in order to receive the plate A'', which is provided with a central opening, *b*, for that purpose. The space surrounding the hub A' and between the plates A' and A'' is filled in with paper, either in pulp or in circular pieces,

C, between which some adhesive cement has been placed. The two plates are then firmly compressed together, so that the paper intervening between the plates A A'' when hard forms a solid mass. The periphery of the wheel is then coated with glue or other suitable cement, and flour of emery sifted over it; or, if the paper material is pulp, the emery may be incorporated with it while in a plastic state. As the end of the hub A' extends a little beyond the outer surface of the plate A'', this may be riveted or expanded during the act of compressing, and in this manner make a firm connection between the hub and plate.

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

In roller-skates, a wheel composed of two metal plates connected by a hub adapted to receive an axle, surrounded by compressed paper having a coating of flour of emery, as described, and for the purposes set forth.

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

SOLON R. RUST.

Witnesses:

O. S. THOMPSON,
JOSEPH W. DREYNWÖRZ.