

No. 815,550.

J. O. PARKINSON.

PATENTED MAR. 20, 1906.

REMOVABLE WALL AND CEILING COVERING.

APPLICATION FILED NOV. 10, 1904.

2 SHEETS—SHEET 1.

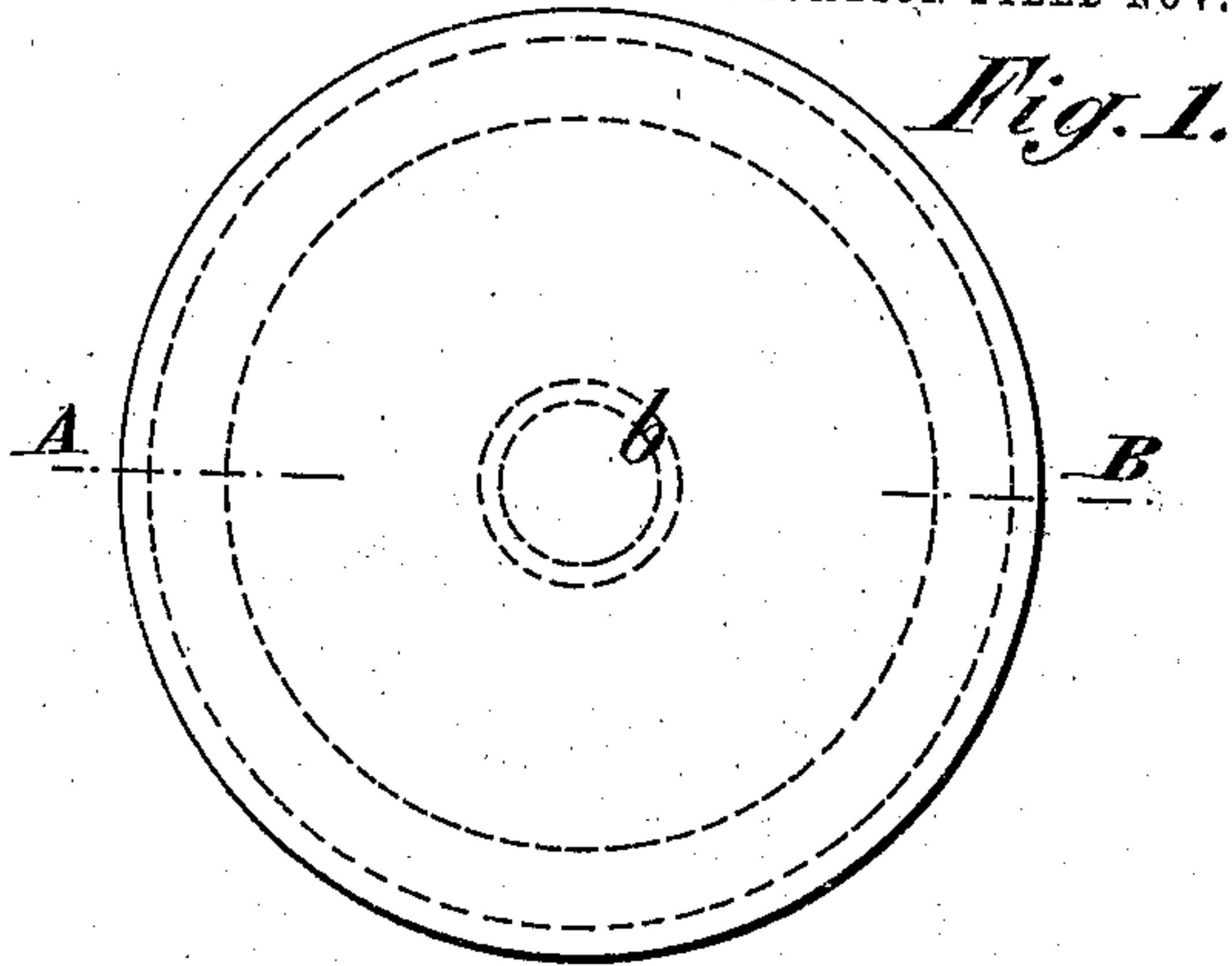


Fig. 1.

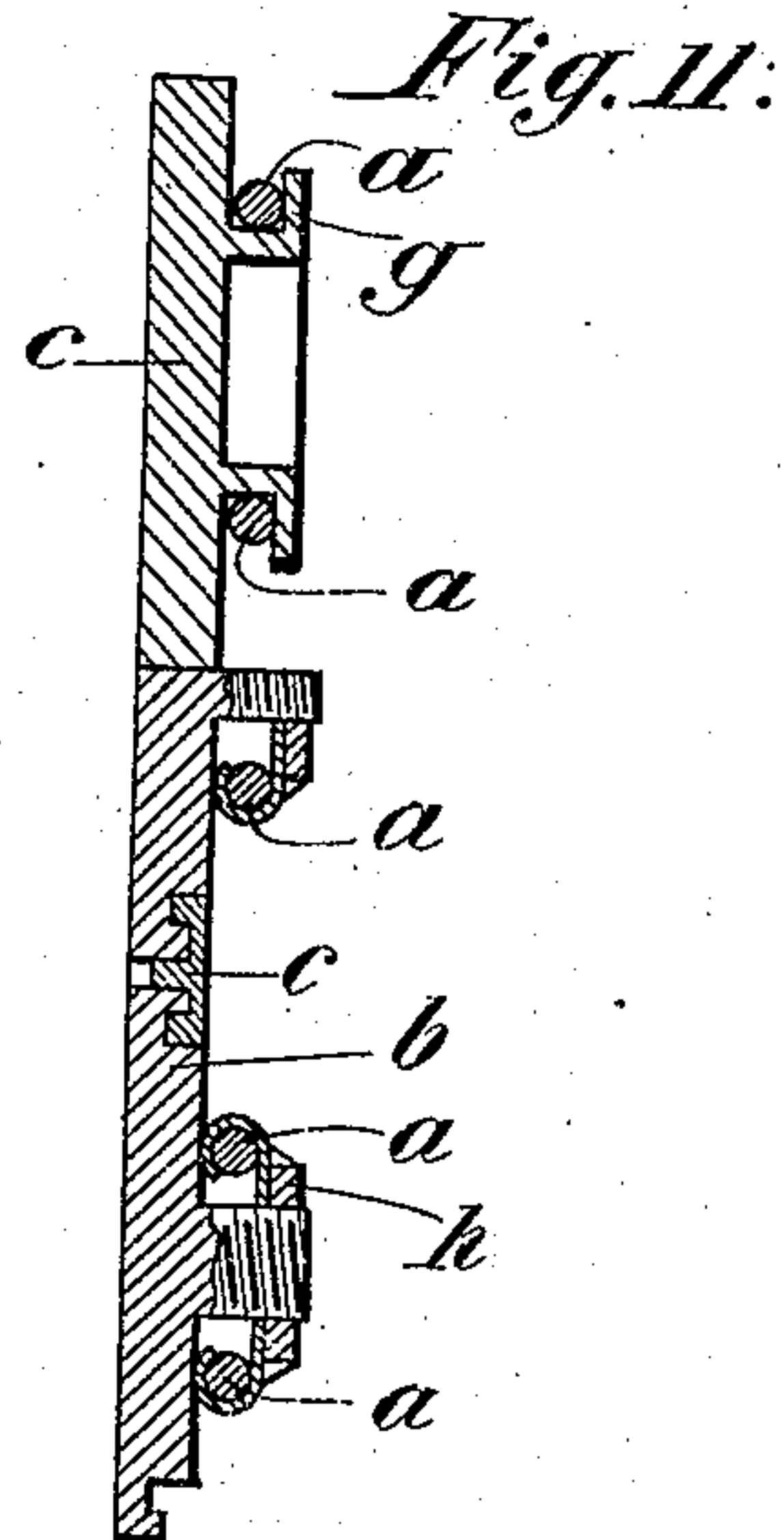


Fig. 11.

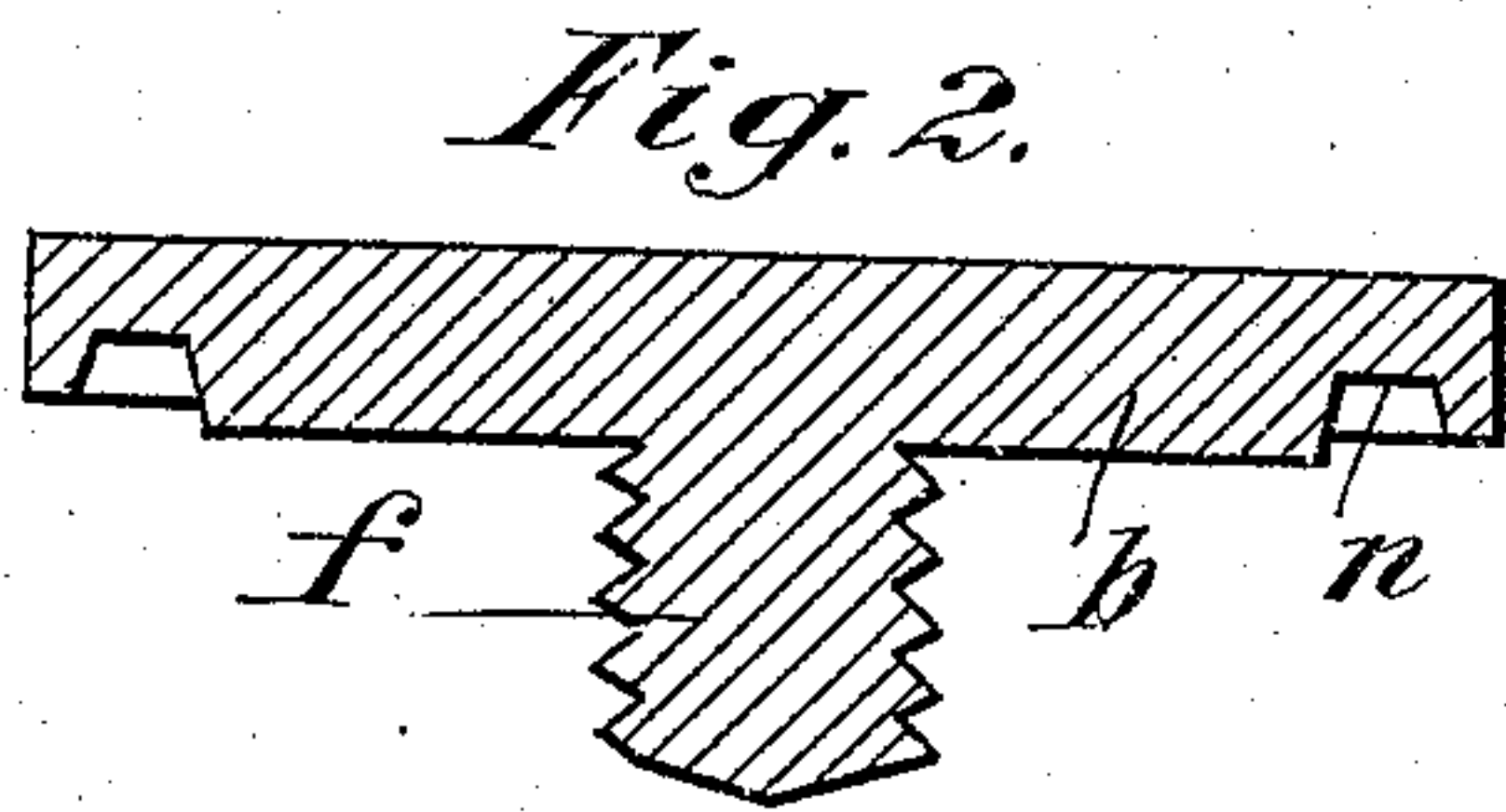
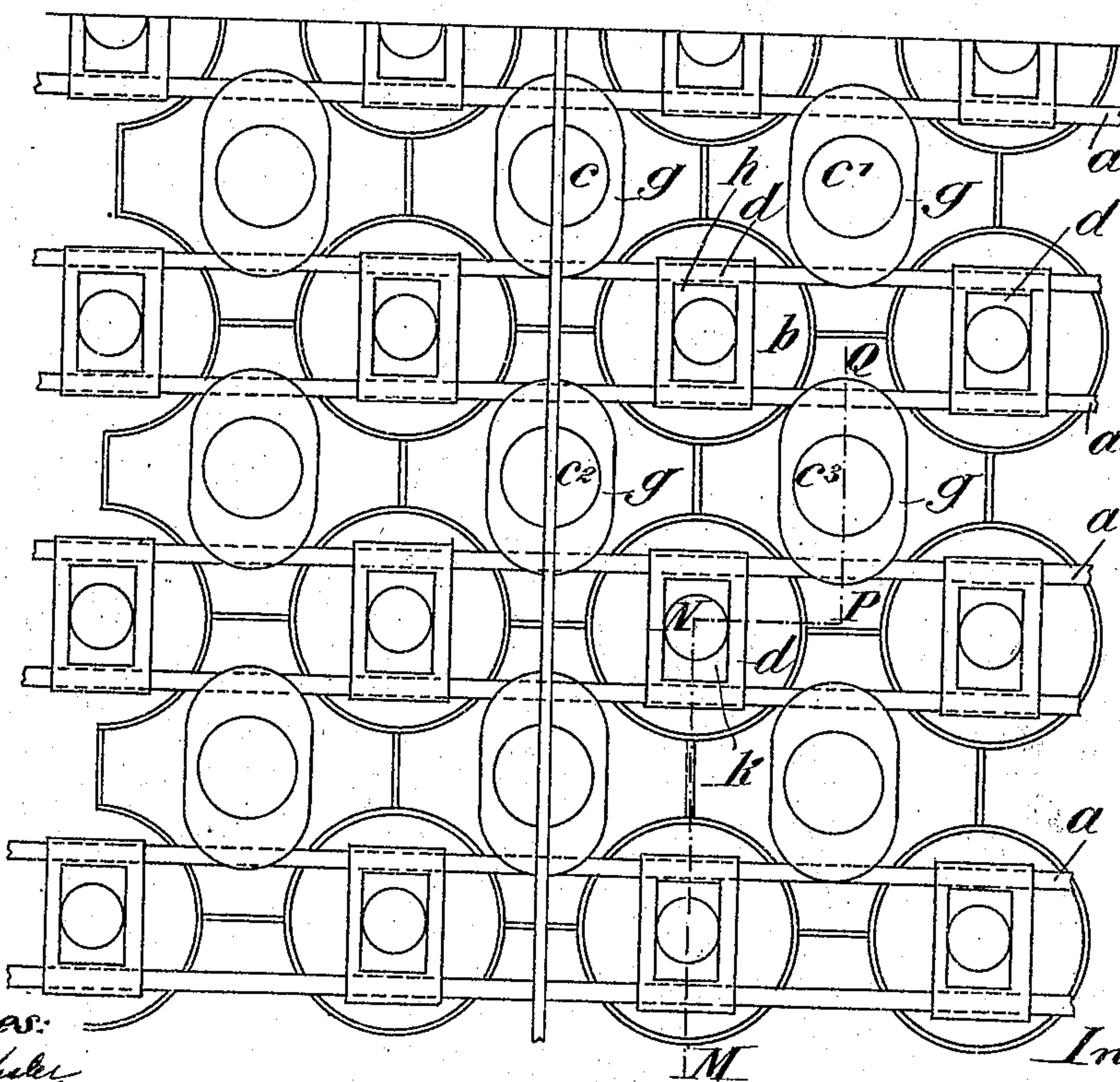


Fig. 2.

Fig. 9.



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2 SHEETS—SHEET 2.

Fig. 3.

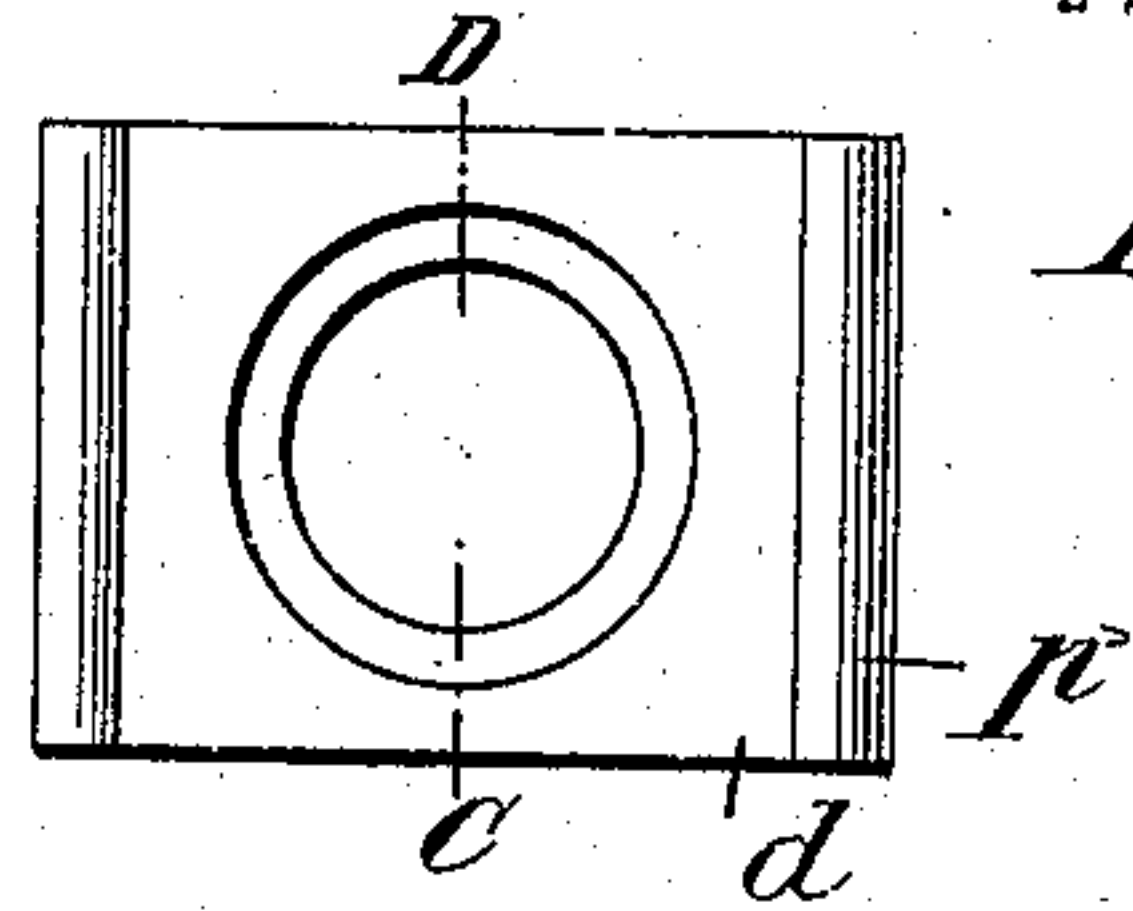
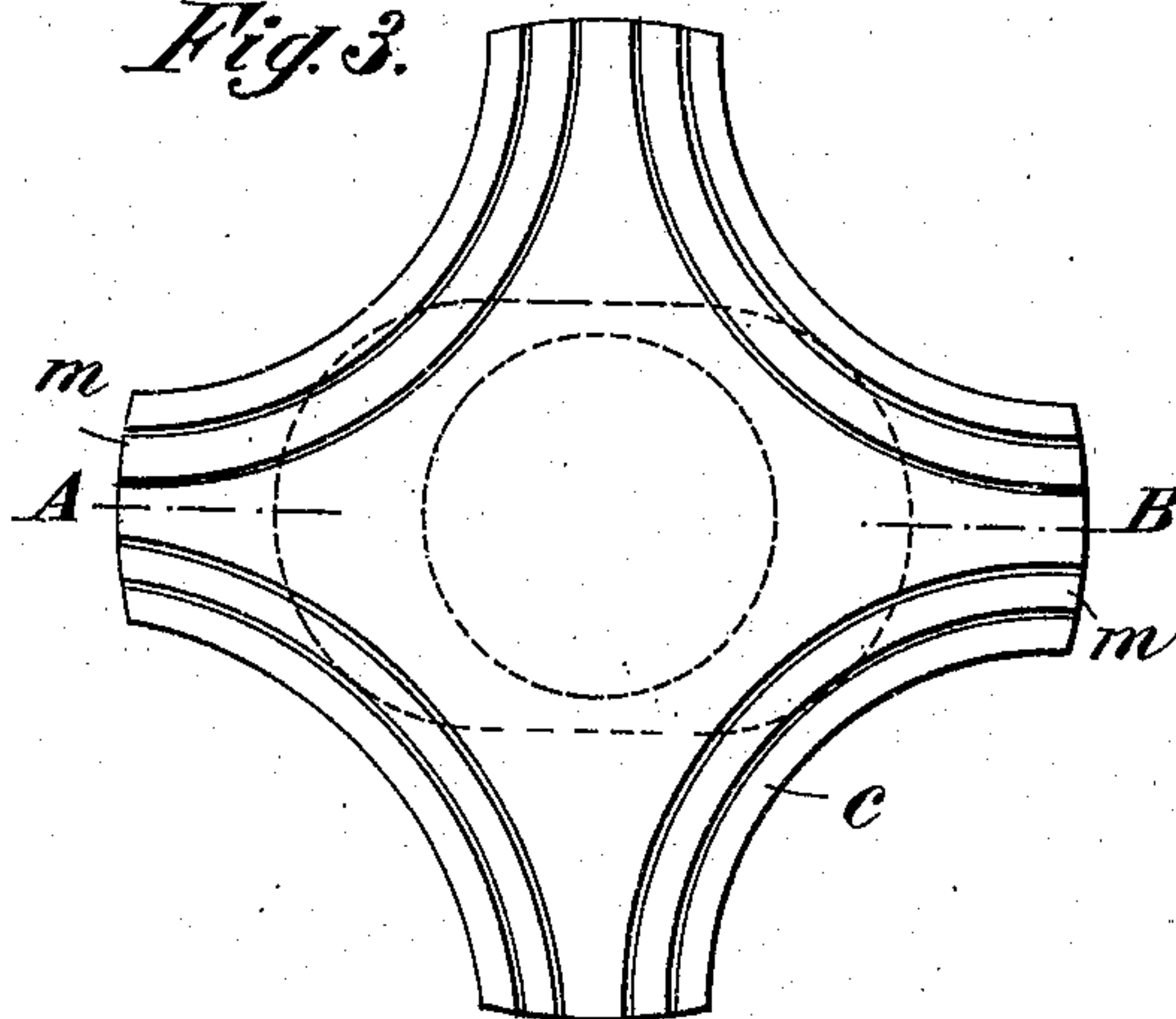


Fig. 5.

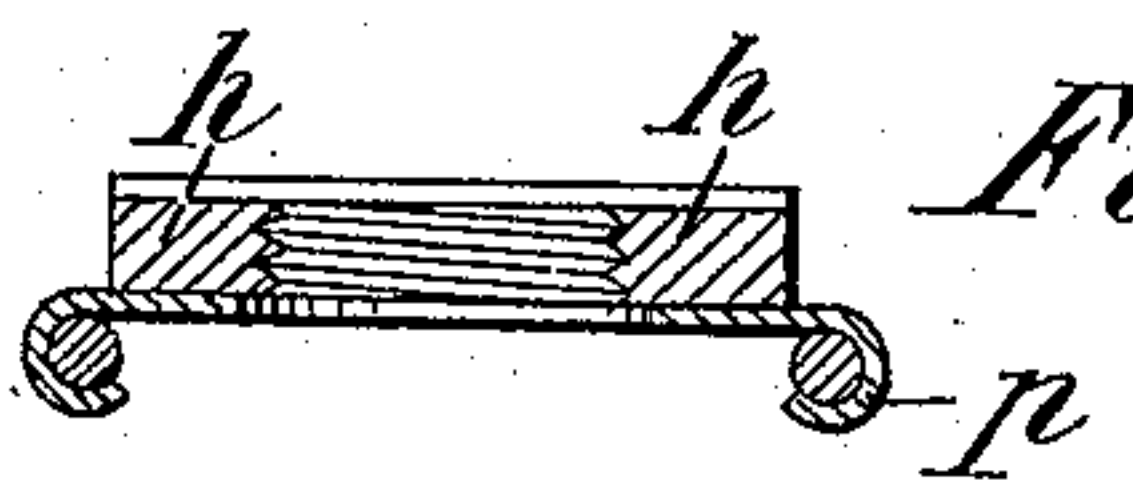


Fig. 6.

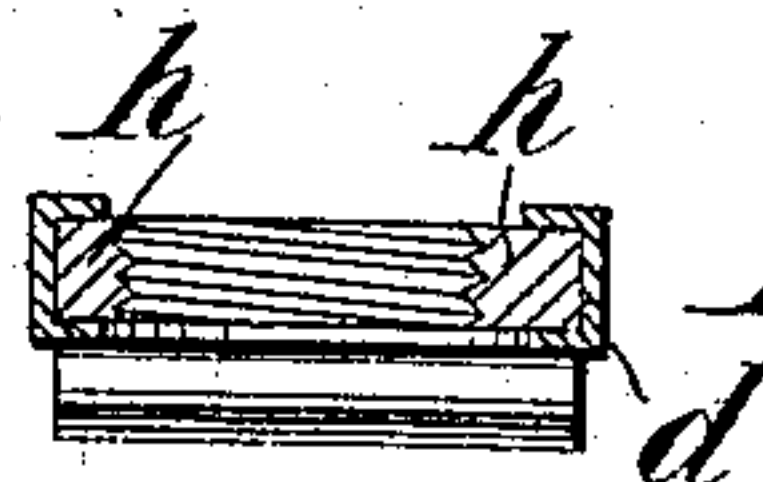


Fig. 7.

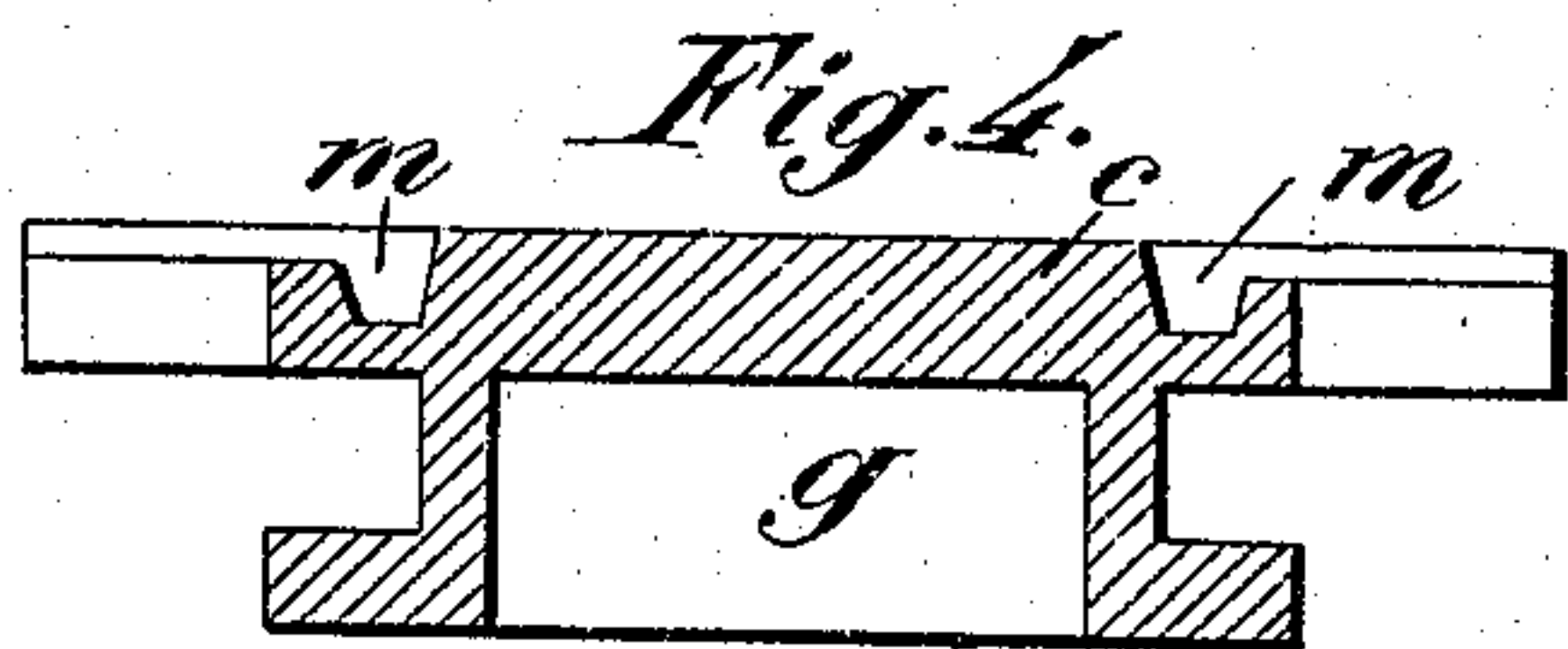


Fig. 4.

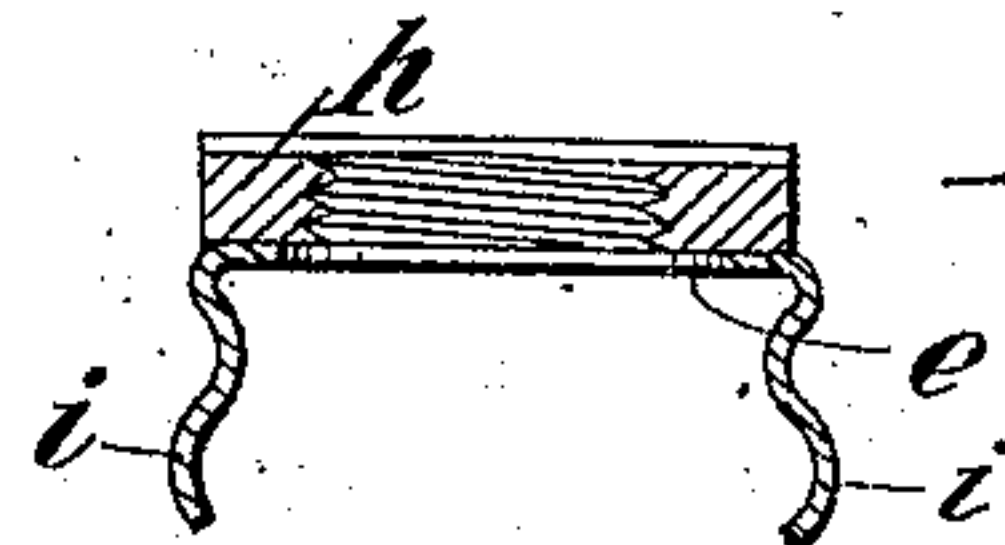
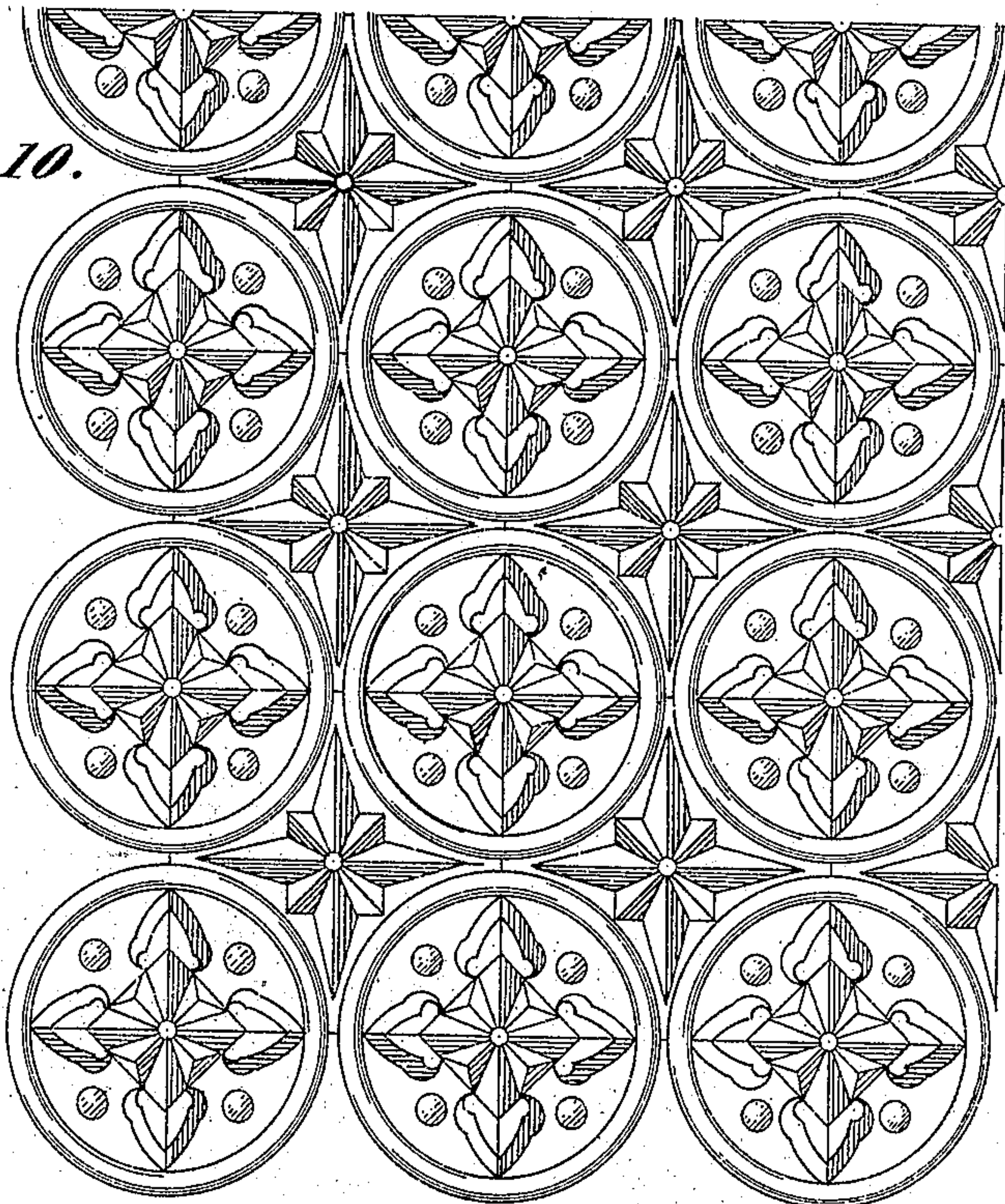


Fig. 8.

Fig. 10.



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UNITED STATES PATENT OFFICE.

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REMOVABLE WALL AND CEILING COVERING.

No. 815,550.

Specification of Letters Patent.

Patented March 20, 1906.

Application filed November 10, 1904. Serial No. 232,106.

To all whom it may concern:

Be it known that I, JOSEPH OLINTIUS PARKINSON, a subject of the King of Belgium, and a resident of Ramet Yvoz, Val St. Lambert, Belgium, have invented certain new and useful Improvements in Removable Wall and Ceiling Coverings, of which the following is a specification.

This invention has reference to an improved removable wall and ceiling covering; and it consists in forming such covering of plates or tiles carried by a metal framework and adapted to fit together securely without the use of cement or adhesive matter of any kind in such a manner that any of them may be readily detached or removed, as may be required, without disturbing all those adjacent thereto. I employ two series of plates or tiles, one of which series is first hooked onto or engaged with the metal framework and then locked in position by the second series, substantially as hereinafter described.

One form of my invention is illustrated in the accompanying drawings, in which—

Figure 1 is a face or front view of one of the tiles of the second series; Fig. 2, a sectional view thereof on line A B of Fig. 1; Figs. 3 and 4, corresponding views of one of the tiles of the first series; Fig. 5, a face view of the nut which serves to retain or support on the framework the plates or tiles shown in Figs. 1 and 2. Fig. 6 is an end view of the structure shown in Fig. 5, taken in central section on a line at a right angle to the line C D of such Fig. 5; Fig. 7, a section on line C D, Fig. 5; Fig. 8, a sectional view of an alternative form of nut; Fig. 9, a rear view of my improved covering fixed in place; Fig. 10, a front or face view thereof, and Fig. 11 a section on line M N P Q of Fig. 9.

The metal framework whereby the plates or tiles forming my improved wall or ceiling covering are supported consists of iron or like bars *a*, Figs. 9 and 11, which are arranged parallel to each other and are fixed on the wall or on the ceiling by means of hooks or equivalents screwed into the beams or into wood blocks driven or fitted into the walls or which may be supported in any other known suitable manner. The plates *c* of the first series (shown in Figs. 3 and 4, Fig. 3 being a face view and Fig. 4 a sectional side view) are of about the shape shown and are formed at the back with a short cylindrical and prefer-

ably hollow trunk *g*, the free end of which is formed with an oblong flange or with oppositely-projecting lugs or the like, whereby the plates or tiles *c* may be attached to the bars *a*, as will be understood from Figs. 3, 4, 9, and 11. The other series of plates or tiles is shown in Figs. 1 and 2. They are concentrically formed with screwed shanks *f*, which are adapted to be screwed into nuts *d*, slidably mounted on the rods or bars *a*, said nuts having claws or the like *p*, which partly encircle the rods *a*, the nut proper preferably consisting of a wood block *h*, fixed to a metal plate *d*.

The plates or tiles *c* are engaged between alternate rows of bars *a*, as shown in Fig. 9, in which *c* *c'* *c*² *c*³ indicate the backs of four plates or tiles *c*. Said plates or tiles are formed on their faces with segmental grooves *m* near their edges, and the plates or tiles *b* are formed on their backs with circular grooves *n*, so as to leave a circular rib or projection at the edge of each plate or tile adapted to engage in the segmental grooves of the adjoining plates or tiles *c*, and thus interlock the two series of plates. By this means all the plates or tiles are laterally firmly secured in position. If desired, more than one groove *m* may be formed in the plate and made to engage with an equivalent number of ribs.

The plates or tiles instead of having the forms represented in the drawings may be made square, polygonal, elliptic, or of other shape, in which cases instead of claws *p* on the nuts or the like *d* I may provide the latter with spring-clips *i*, which can be applied on the rods or bars *a* by mere pressure.

The removal of the plates or tiles is as easy as their adjustment in position. It is only necessary to unscrew the plates *b*, then to turn the plates or tiles *c* through a quarter-revolution, when they also can be taken off. Besides being adapted to be readily fixed over or removed from walls or ceilings, my improved covering has the advantage that mortar, cement, plaster, or other adhesive matter is entirely dispensed with, and, further, the invention lends itself to readily considerably enhancing the appearance of walls or ceilings.

The joints between the plates or tiles are practically quite concealed, owing to the method of interlocking them, the covering having the appearance of consisting of a single piece. Panels may be formed surrounded

by a border attached to the metal rods by sliding nuts, such as shown in Fig. 5, and I wish it to be understood that the plates or tiles may be made of any suitable material
5 and that their shape may be such as to form any desired design or pattern.

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

10 1. A ceiling or wall covering comprising a suitable back frame having screw-threads, a plurality of plates or tiles of cross-like form with entrant arc boundaries, and a plurality of circular plates or tiles screwed to the back
15 frame and securing the cross arc plates or tiles in position.

20 2. A ceiling or wall covering comprising a suitable back frame having screw-threads, a plurality of plates or tiles of cross-like form with entrant arc boundaries, and a plurality of circular plates or tiles screwed to the back frame and securing the cross arc plates or

tiles in position, the cross and circular tiles or plates being provided with coacting tongues and grooves of circular or segmental form. 25

3. An improved covering for walls or ceilings, consisting of a suitable frame composed of parallel bars and two series of plates or tiles, one of which series is adapted to be engaged with the bars of said frame by means
30 of a flange, lugs formed at the free end of a concentric trunk thereon, and the other of which is adapted by means of a concentric screwed shank to be fixed to nuts slidably carried by said bars, the two series of plates
35 or tiles being formed with grooves and tongues so that they engage with each other.

In testimony whereof I have hereunto set my hand in presence of two witnesses.

JOSEPH OLINTIUS PARKINSON.

Witnesses:

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