

(No Model.)

H. B. WEINSTOCK.
VEHICLE WHEEL.

No. 332,027.

Patented Dec. 8, 1885.

Fig. 1

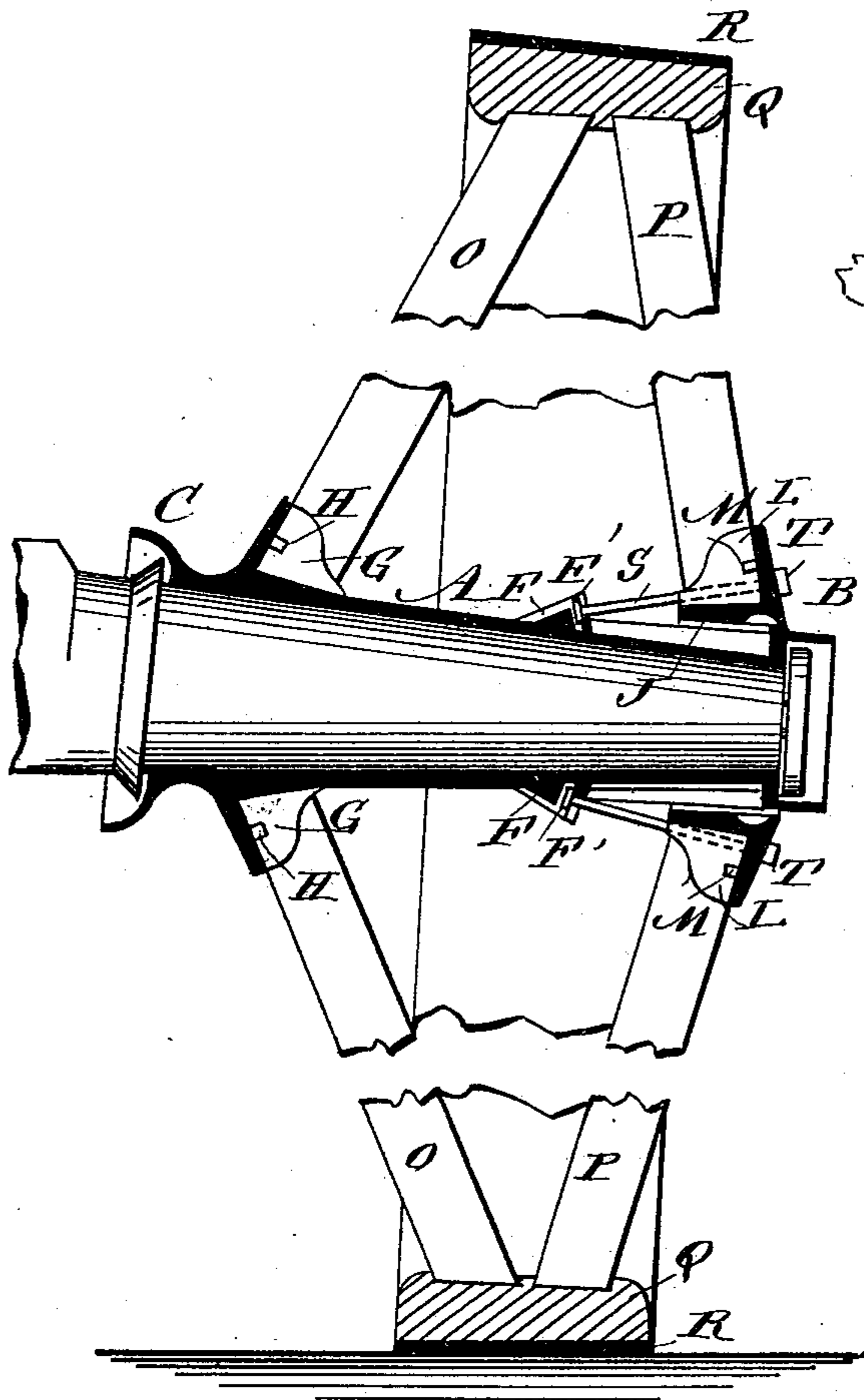


Fig. 2

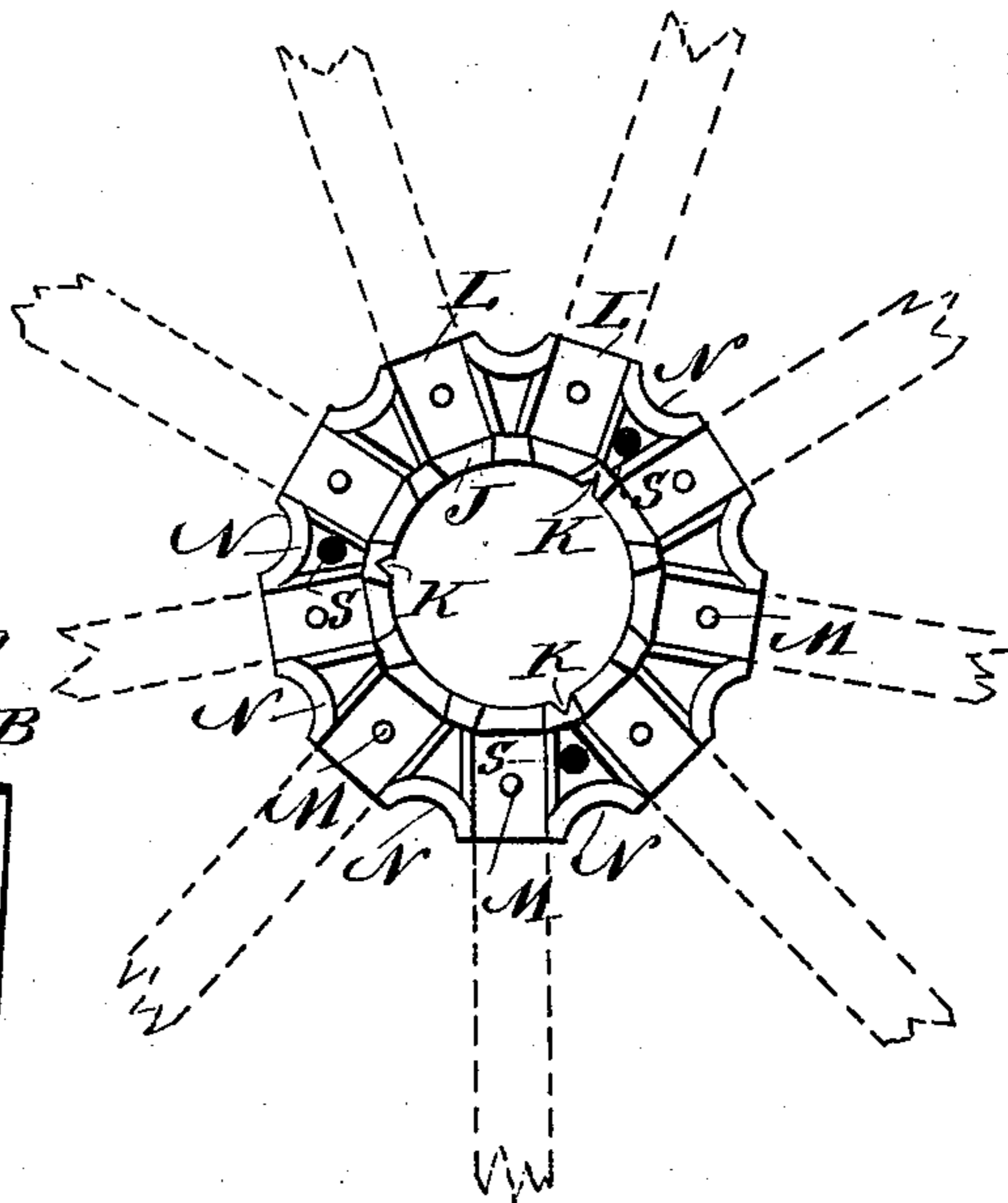
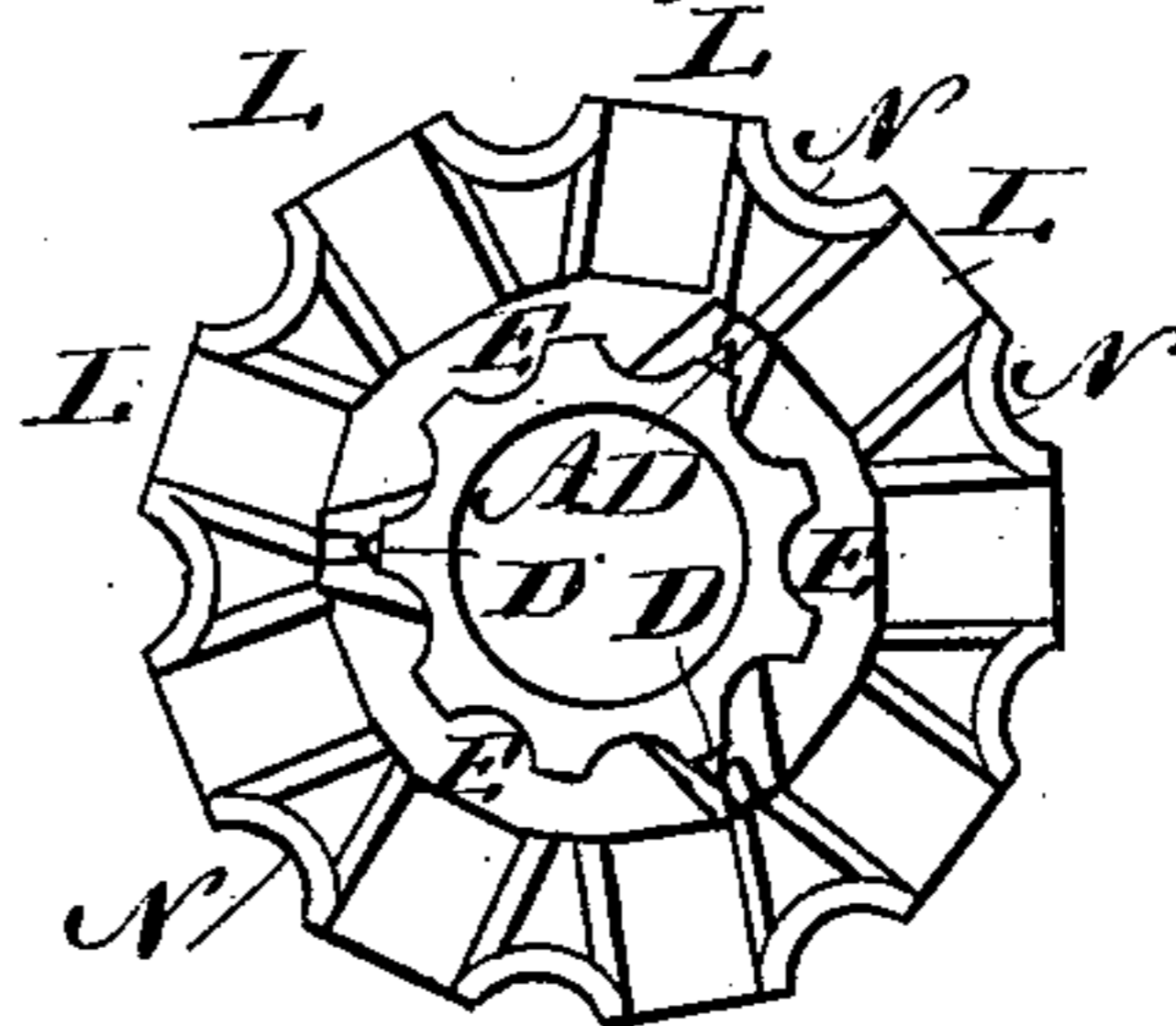


Fig. 3



WITNESSES:

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HENRY B. WEINSTOCK, OF FALL CREEK, WISCONSIN.

VEHICLE-WHEEL.

SPECIFICATION forming part of Letters Patent No. 332,027, dated December 8, 1885.

Application filed May 9, 1885. Serial No. 164,896. (No model.)

To all whom it may concern:

Be it known that I, HENRY B. WEINSTOCK, of Fall Creek, Eau Claire county, Wisconsin, have invented a new and Improved Vehicle-
5 Wheel, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved vehicle-wheel, which is simple in construction, strong, and durable.

10 The invention consists in the combination, with a thimble having pockets at its rear end, of a ring held by splines or keys on the front end of the thimble, and of bolts passed through the ring and held in recessed lugs on the
15 thimble.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

20 Figure 1 is a cross-sectional elevation of my improved vehicle-wheel, parts being broken out. Fig. 2 is a front view of the front ring. Fig. 3 is a front end view of the tapered thimble and front ring on the same.

25 The tapered hub-thimble A is provided at its front and rear ends with the sand-guard flanges B and C, respectively, and on the front end of the thimble tapered longitudinal splines D are cast on the same, and between the same
30 longitudinal grooves E are formed on the outer surface of the thimble, to make it as light as possible. A short distance back of the front end of the thimble a ring or lug, F, having recesses F', is cast on the thimble. At the
35 rear end of the thimble a ring of pockets, G, is cast on it, provided with pins H, and open toward the front end of the thimble. A ring, J, fitting on the front end of the thimble, is

provided with three longitudinal grooves, K, in its inner side, for receiving the splines or
40 keys D on the thimble. The ring J is provided with as many pockets L as there are pockets G on the thimble, the pockets being open toward the rear, and having pins M. The pockets are connected by webs N. The inner ends
45 of the rear spokes, O, are placed in the pockets G, the pins H passing into the outer faces of the said spokes, and the inner ends of the front spokes, P, are placed in the pockets L, the pins M passing into the outer edges of the
50 said spokes. The outer ends of the spokes O P are mortised in the wide felly Q, around which the tire R is passed. Bolts S have their heads passed into the recesses of the lugs F, and the bolts are passed through apertures
55 in the webs N, nuts T being secured in the outer ends of the said bolts.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination, with the thimble A, 60 having the pockets G at the rear end, the recessed lugs F, and the splines D, of the ring J, having grooves K and pockets L, and of the bolts S and nuts T, substantially as herein shown and described. 65

2. The combination, with the thimble A, having pockets G, recessed lugs F, and splines D, of the ring J, having grooves K, pockets L, and webs N, the bolts S, nuts T, spokes O P, and the felly Q, substantially as herein
70 shown and described.

HENRY B. WEINSTOCK.

Witnesses:

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