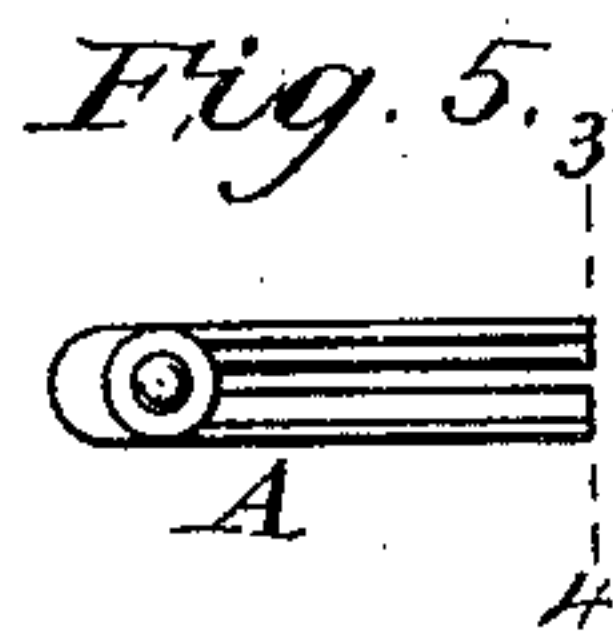
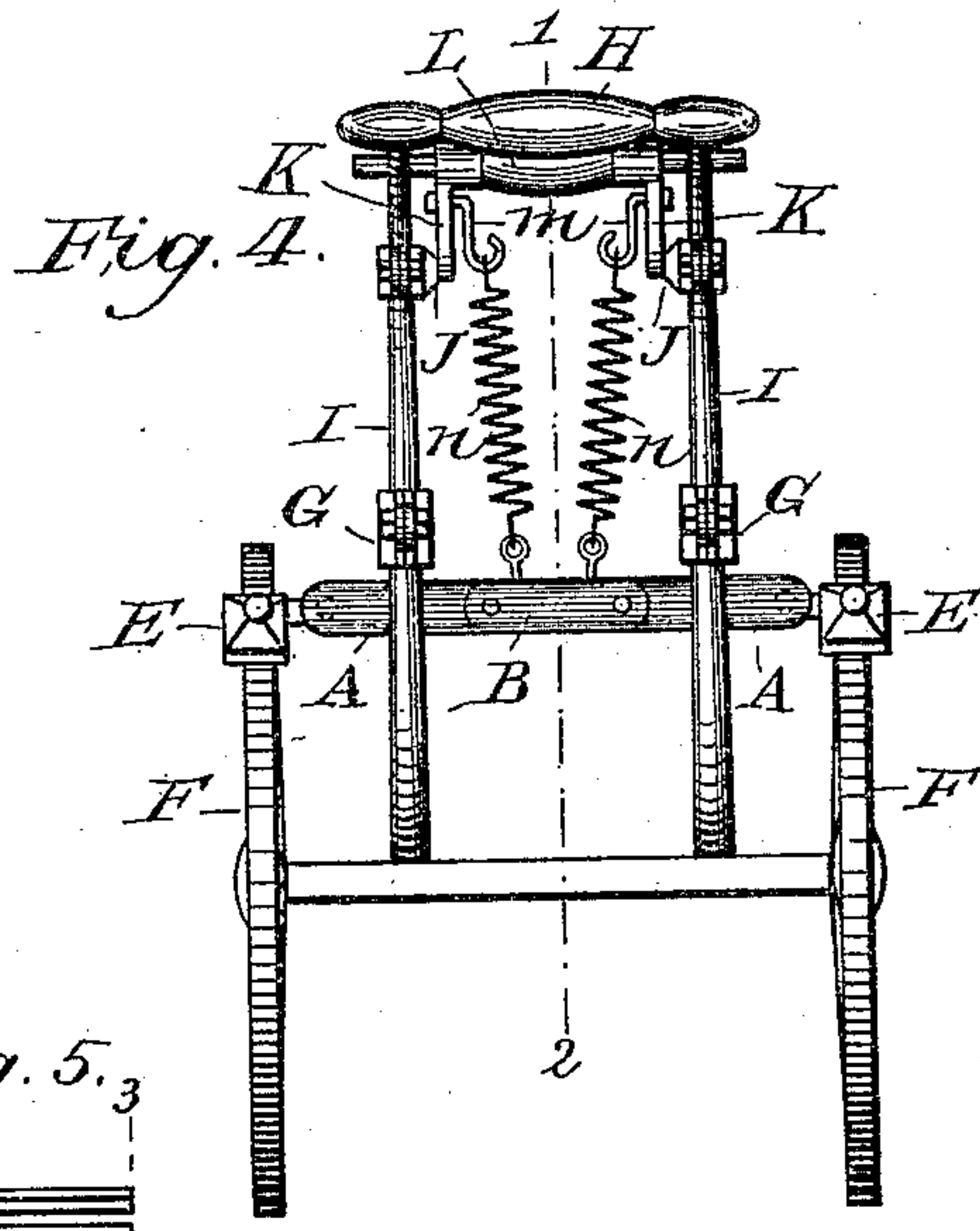
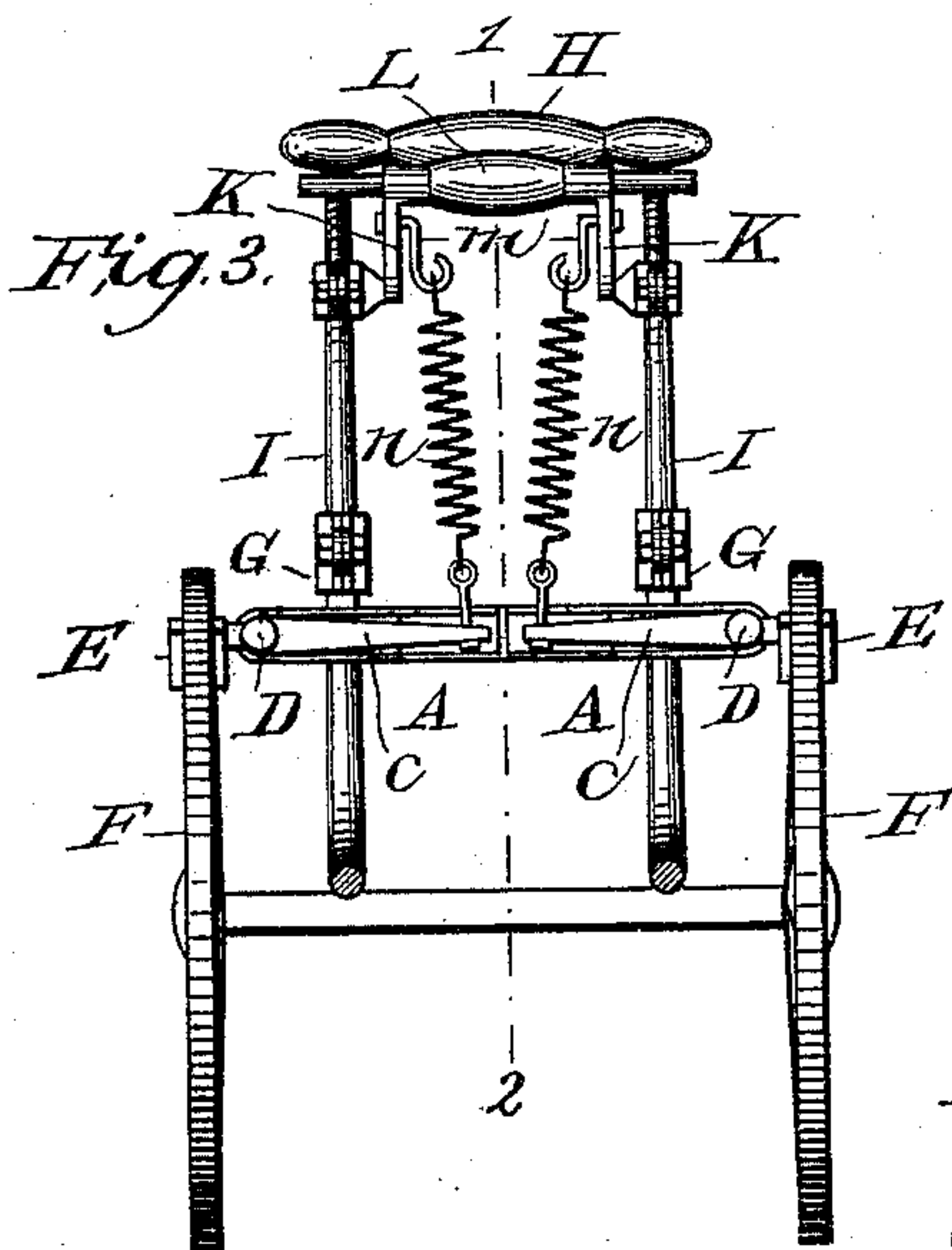
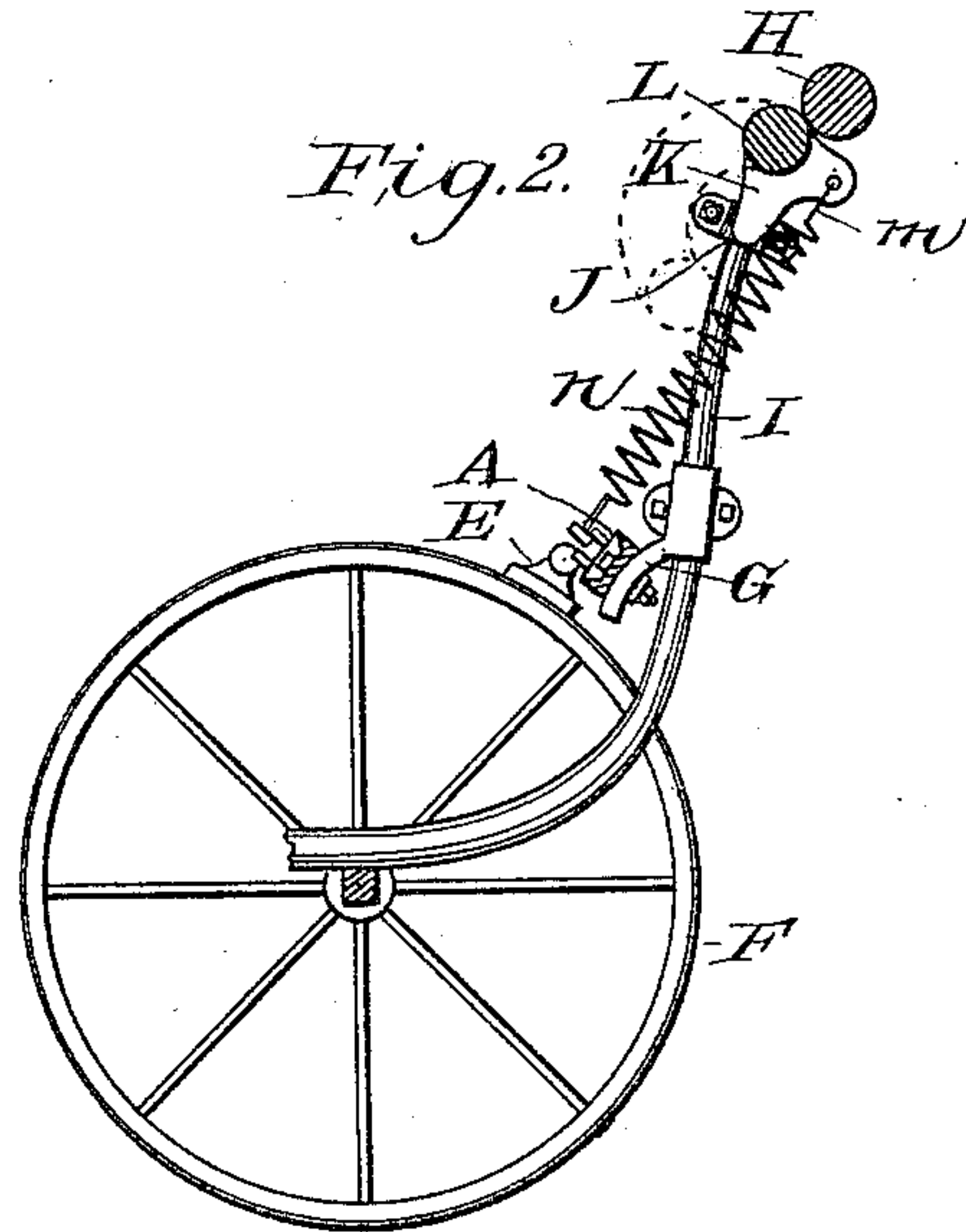
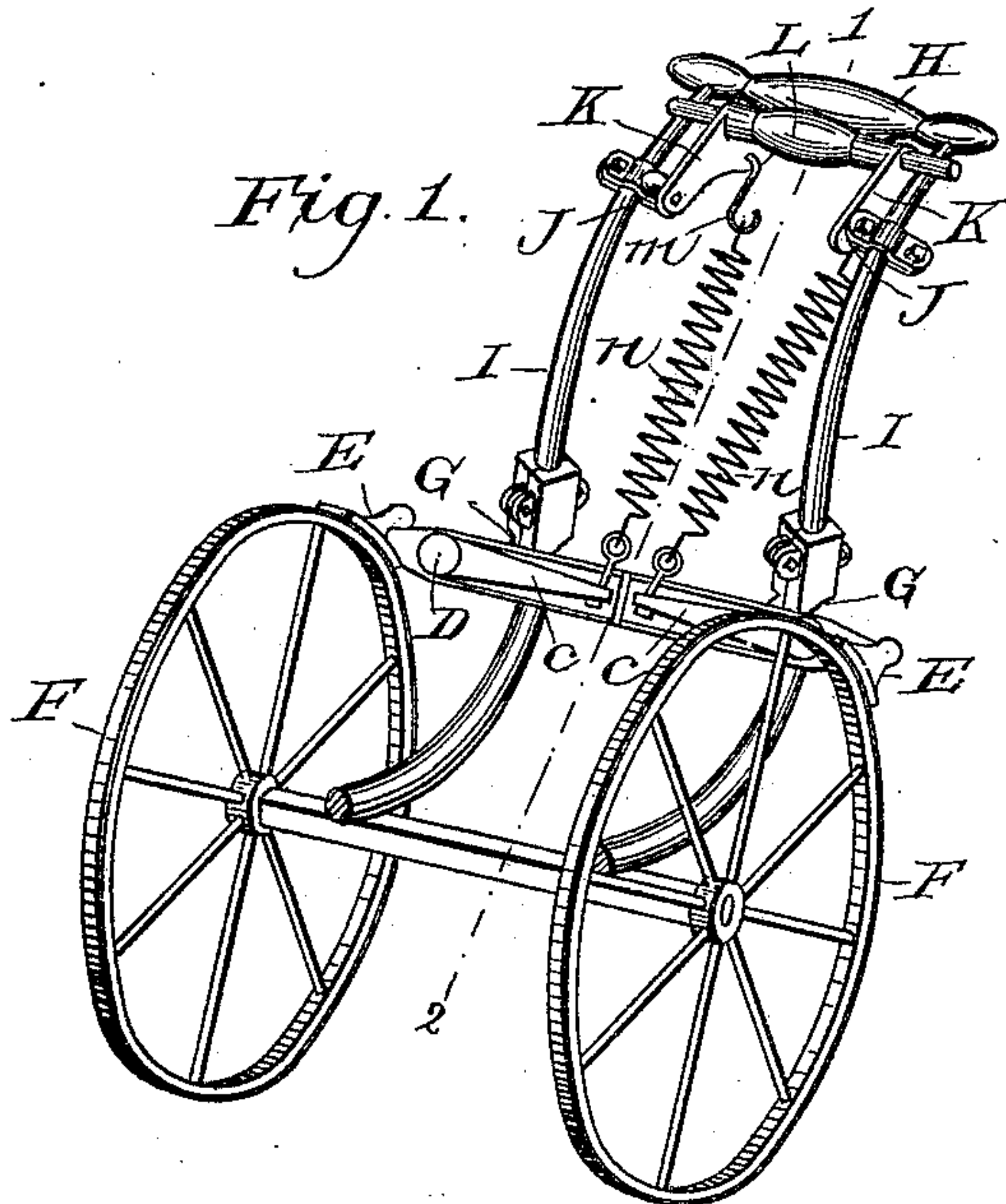


(No Model.)

W. WILSON.
BRAKE FOR BABY CARRIAGES.

No. 429,709.

Patented June 10, 1890.



Witnesses:

Frank Bright.
William Higham

Fig. 6.

I
A

Inventor:

William Wilson

UNITED STATES PATENT OFFICE.

WILLIAM WILSON, OF MIDDLETOWN, NEW YORK.

BRAKE FOR BABY-CARRIAGES.

SPECIFICATION forming part of Letters Patent No. 429,709, dated June 10, 1890.

Application filed January 11, 1890. Serial No. 336,714. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM WILSON, a citizen of the United States, and a resident of the city of Middletown, in the county of Orange and State of New York, have invented a certain new and useful Machine as a Brake for Baby-Carriages; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, in which—

Figure 1 is a perspective view; Fig. 2, a vertical section through lines 1 2; Fig. 3, a front view; Fig. 4, a back view, all showing the brake when back wheels of carriage are locked. Fig. 5 is one-half of cross-bar, showing grooves and slots when brake-lever C is removed. Fig. 6 is an end view of Fig. 5 through lines 3 4, showing the grooved space for bolt-heads on front side and curved space to correspond with curved brackets G G on back side.

The cross-bar A A is joined together with the name-plate B, as shown in Fig. 4, and is provided with slots, as shown in Fig. 5, so as to be extended to a suitable length for any baby-carriage. The brake-shoe levers C C are pivoted to cross-bar A A at joints D D, (see Fig. 3,) and so adjusted that brake-shoes E E can press on back wheels of carriage F F. The cross-bar A A is mounted upon curved brackets G G, so that the cross-bar A A can be adjusted to the position of carriage-handle H and secured to the required position by bolts or screws. Brackets G G are mounted on lower part of carriage handle shafts I I and secured to the required position by clamps or ferrules, as shown in Figs. 1, 2, 3, and 4. Clamps J J are mounted and secured to the upper part of carriage-handle shafts I I, to which brake-handle arms K K are pivoted and form a joint. The brake-handle arms K K are of a triangular shape, the bottom corner being pivoted to clamps J J, the top corner having a hole or ferrule through which brake-handle L is connected, the back corner having the pivoted hook *m m*, as shown in Fig. 2. The brake-handle L, which is made of round wood, is made to pass through holes or ferrules in the top corner of brake-handle arms K K and connects right and left hand brakes together, also allowing the brake-handle arms K K to be adjusted

to the required distance apart. The hooks *m m*, which are pivoted to the back corner of brake-handle arms K K, are connected to brake-shoe levers C C by springs *n n* and so adjusted that when brake-handle L is drawn close to carriage-handle H the springs *n n* will allow the hook *m m* to pass the center of the pivots or joints in clamps J J, the carriage-handle H acting as a stop to brake-handle L. By applying the pressure of springs *n n* to brake-shoes E E the back wheels of carriage F F will be locked, thereby securing the baby-carriage from all danger of motion when left on a grade, and when brake-handle L is thrown over the pivots or joints in clamps J J, so as to rest on carriage-handle shafts I I, the weight of springs *n n* and brake-handle L raises the brake-shoes E E clear from carriage-wheels F F.

The brakes are operated by brake-handle L, which is parallel with carriage-handle H, and to put on brakes the brake-handle L is turned to rest on carriage-handle H.

To take brakes off the brake-handle L is thrown over pivots or joints of clamps J J, so as to rest on carriage-handle shafts I I, and when going downgrade the brake-handle L is gently pressed toward carriage-handle H by the grip of the operator's hand.

What I claim as my invention, and wish to secure by Letters Patent, is—

1. The combination, on a brake for a baby-carriage, of the brake-handle L, with its arms K K, pivoted to clamps J J, mounted upon carriage-handle shafts I I, said arms being provided with pivoted hooks *m m*, pivoted brake-levers C C, and springs *n n*, connecting said levers to the hooks *m m*, substantially as shown and described.

2. In a baby-carriage brake, the cross-bar A, composed of two grooved and slotted members held adjustably together by name-plate B, said bar being mounted on curved brackets G G, brake-levers C C, pivoted to said cross-bar, and means for actuating the brake-levers, substantially as shown and described.

Signed at Middletown, in the county of Orange and State of New York, this 9th day of January, A. D. 1890.

WILLIAM WILSON.

Witnesses:

FRANK BRIGHT,
WILLIAM HIGHAM.