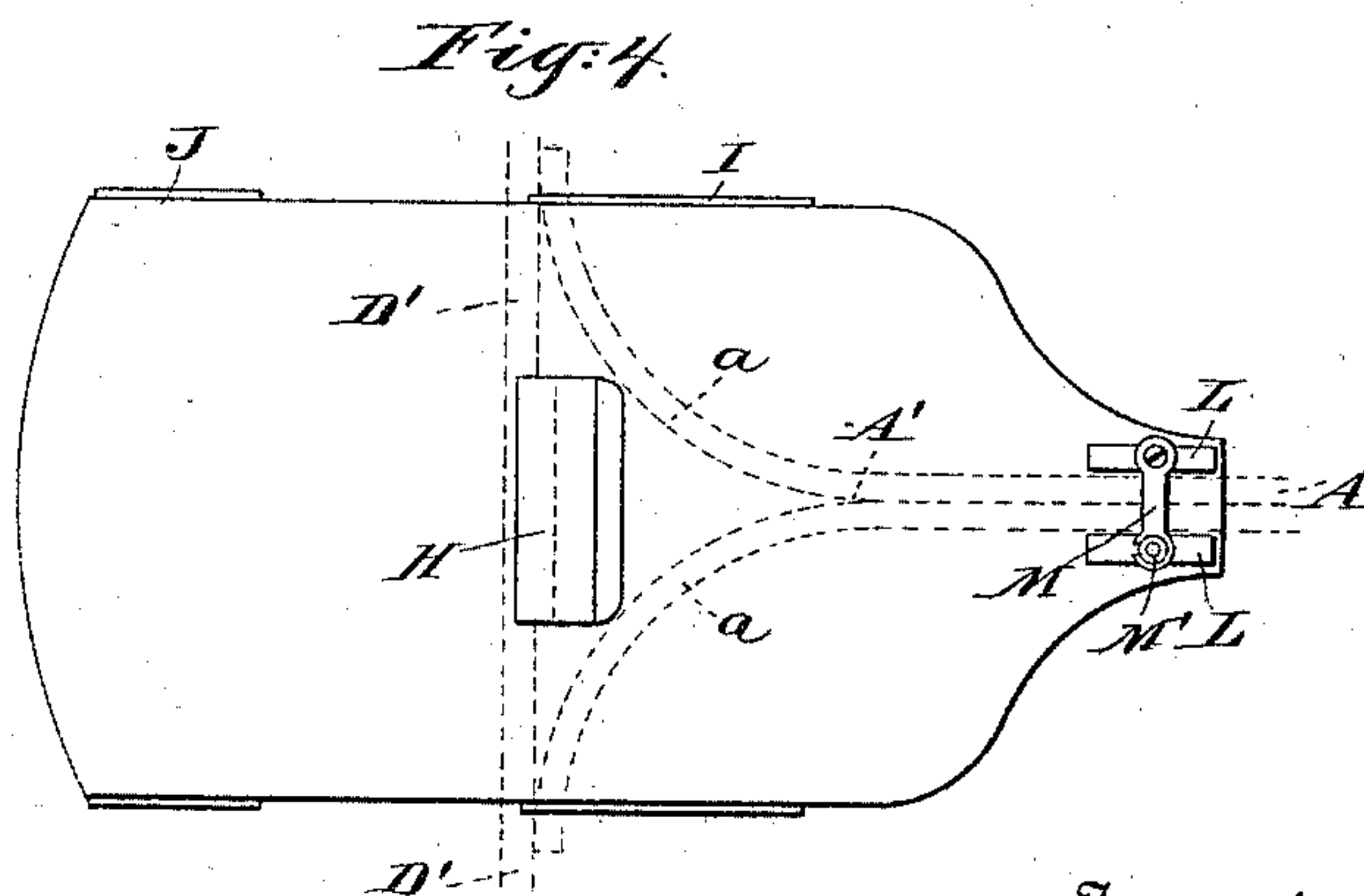
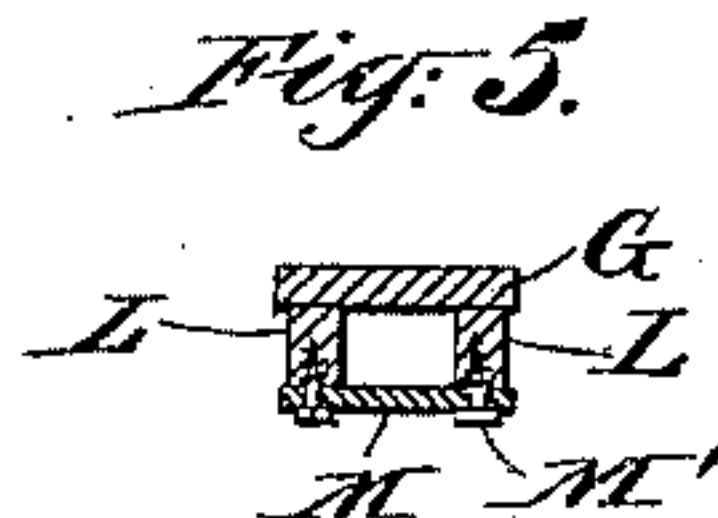
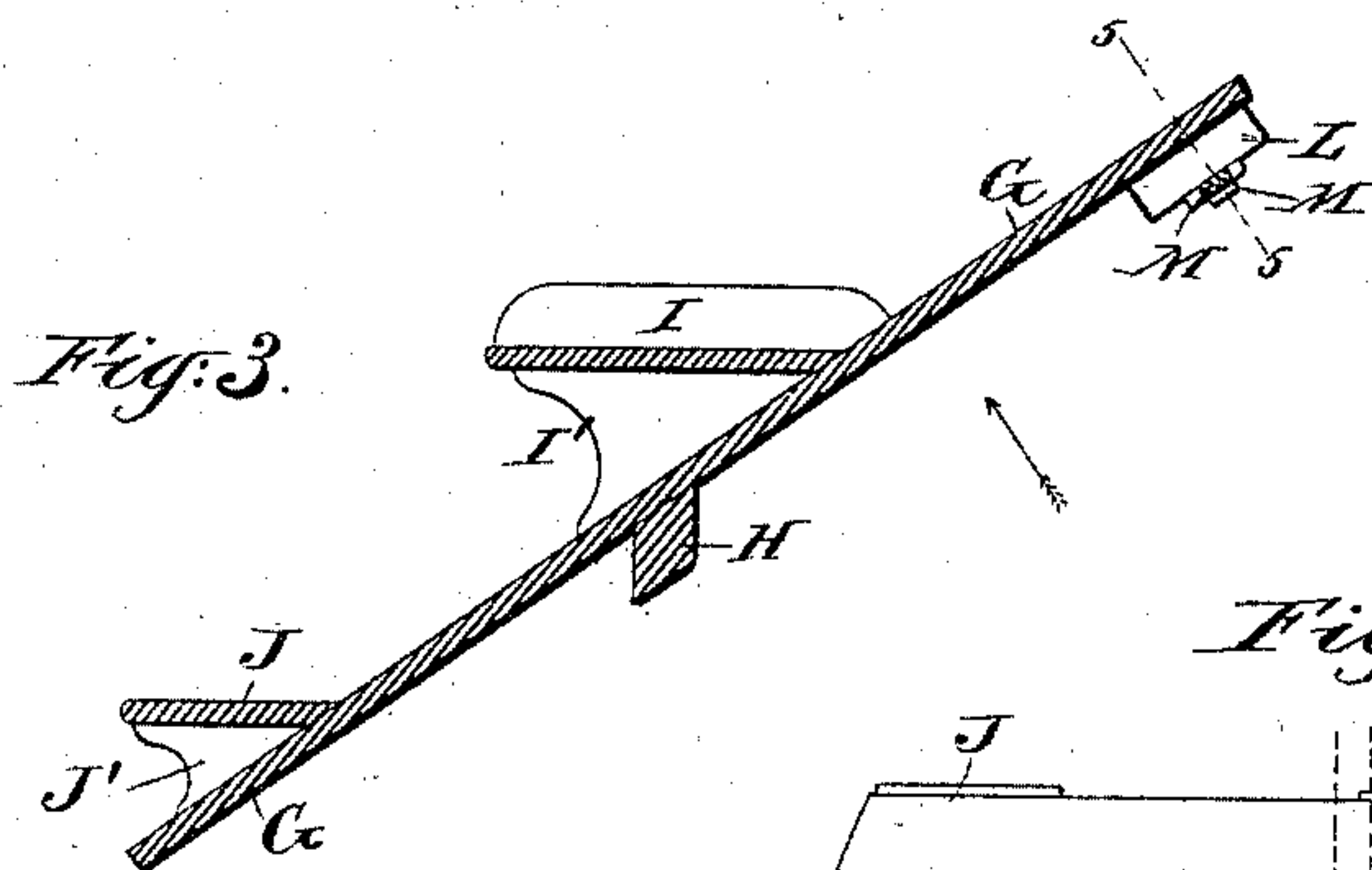
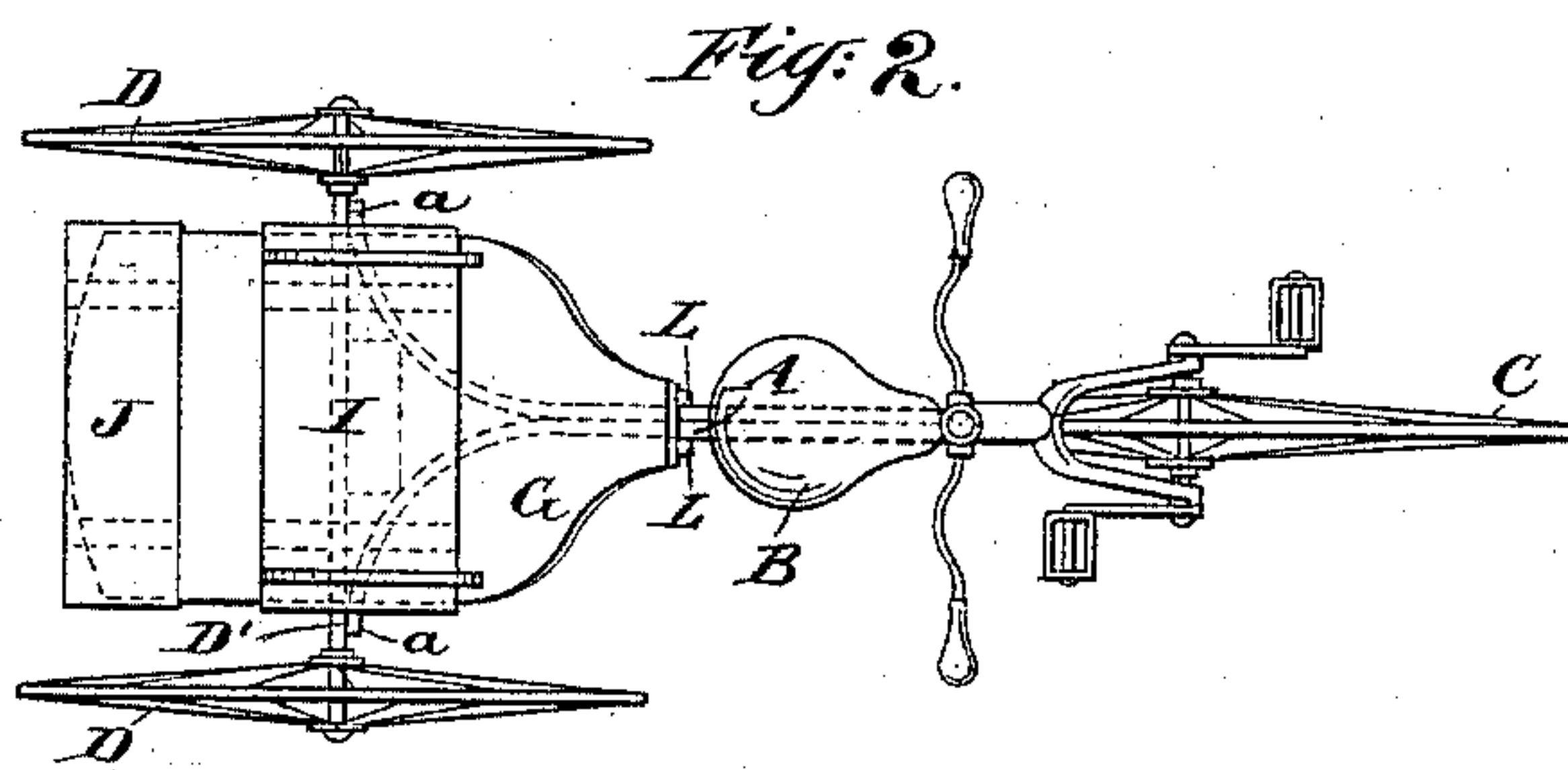
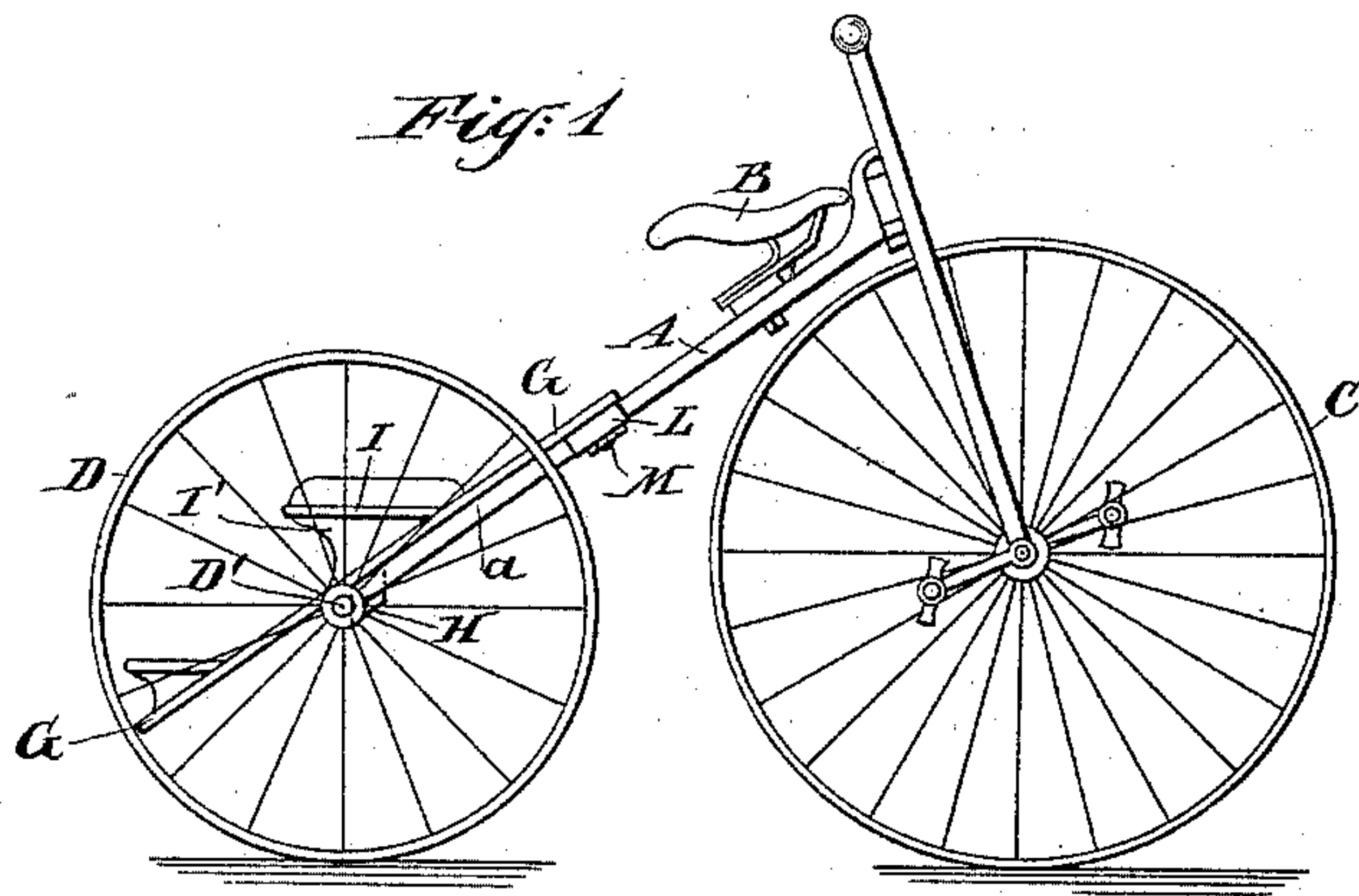


(No Model.)

G. E. PFEIFFER.
ATTACHMENT FOR VELOCIPEDES.

No. 495,511.

Patented Apr. 18, 1893.



Witnesses
C. D. Searle
M. F. Boyle

Inventor
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UNITED STATES PATENT OFFICE.

GEORGE EDWARD PFEIFFER, OF LYNDHURST, NEW JERSEY.

ATTACHMENT FOR VELOCIPEDES.

SPECIFICATION forming part of Letters Patent No. 495,511, dated April 18, 1893.

Application filed June 22, 1892. Serial No. 437,637. (No model.)

To all whom it may concern:

Be it known that I, GEORGE EDWARD PFEIFFER, a citizen of the United States, residing at Lyndhurst, in the county of Bergen and State of New Jersey, have invented a certain new and useful Attachment for Velocipedes, of which the following is a specification.

My invention is intended mainly for use on children's velocipedes and consists of a board to be applied upon the bifurcated backbone of the velocipede, resting on the rear axle and locked in position by a fastening engaging the backbone above the bifurcation; on this board I mount a seat to accommodate a child who sits facing rearward and is carried as a passenger by the rider who sits upon the usual saddle and propels the machine. The board is extended downward beyond and below the rear axle and carries an outwardly projecting shelf which serves as a foot rest for the passenger.

The accompanying drawings form a part of this specification and represent one of the ways of carrying out the invention.

Figure 1 is a side elevation of a velocipede with my attachment in place. Fig. 2 is a corresponding plan view. The remaining figures are on a larger scale showing the attachment alone. Fig. 3 is a vertical section. Fig. 4 is a view from below seen in the direction indicated by the arrow in Fig. 3. Certain portions of the velocipede are shown in dotted lines. Fig. 5 is a section on the line 5, 5, in Fig. 3.

Similar letters of reference indicate the same parts in all the figures.

A is the backbone of the velocipede forked at A' into two rearwardly extending arms *a a*.

B is the ordinary saddle, C the front wheel, D the smaller hind wheels turning on the axle D' fixed in the lower ends of the arms *a a*.

G is a board of sufficient width at the lower end to lie upon both the arms *a a* but of less width than the distance between the wheels D; the width is uniform for about two thirds of the length then tapering by easy curves to the upper end where it is only wide enough to engage the backbone A above the fork A' as will presently appear.

H is a strong strip or ledge screwed or otherwise firmly secured to the under face of the board G. It lies against the front of the rear axle D' between the arms *a a* and with the board G carries the weight of the child sitting upon the seat I mounted on the brackets I'. The seat is placed sufficiently forward of the line of support on the axle D' to insure that when in use the center of gravity of the board and its load shall lie between the front and rear axles and avoid any tendency of the attachment to overturn rearward; to further guard against liability of accident from this cause the upper end of the board is securely fastened to the backbone A above the fork.

Two short longitudinal strips L, L, are secured to the under side of the board G at this end sufficiently separated from each other to allow the backbone to lie between them; one of the strips L carries a strong flat hook M which engages a suitable stud M' on the other strip. When thus engaged the board is held securely and cannot be overturned rearward by any movement of the child in climbing into or while riding upon the seat. Projecting rearward from the lower end of the board G is a foot rest J carried on brackets J' serving to support the feet of the child while riding and also as a step to aid in reaching the seat. Modifications may be made in the details of construction without departing from the principle of the invention. The board G may be a light open-work frame of cast iron with the ledge H and strips L L bolted thereon or cast in one therewith, or a frame of sufficiently stiff and strong wire may serve. The board may be made shorter and proper fastenings provided to engage each of the arms *a a* instead of the one fastening to the backbone A above the fork.

Other fastening means than the hook M and stud M' may be used.

I can dispense with the foot rest in some cases and extend the board rearward only far enough to insure the proper bearing on the rear axle.

I claim—

1. The board G and ledge H, the latter adapted to support the board on the rear axle

of a velocipede, the strips L, L, and hook M adapted to engage the backbone of the velocipede, and the seat I mounted on the board all combined and arranged to serve substantially as herein specified.

5 2. The board G and ledge H, the latter adapted to support the board on the rear axle of a velocipede, the strips L, L and hook M adapted to engage the backbone of the velocipede and the seat I and foot rest J mount-

ed on the board, all combined and arranged to serve substantially as herein specified.

In testimony that I claim the invention above set forth I affix my signature in presence of two witnesses.

GEORGE EDWARD PFEIFFER.

Witnesses:

H. DOWNER,

IRA R. DOWNER.