

(No Model.)

F. SNYDER.
CHILD'S PROPELLER.

No. 363,011.

Patented May 17, 1887.

Fig. 1.

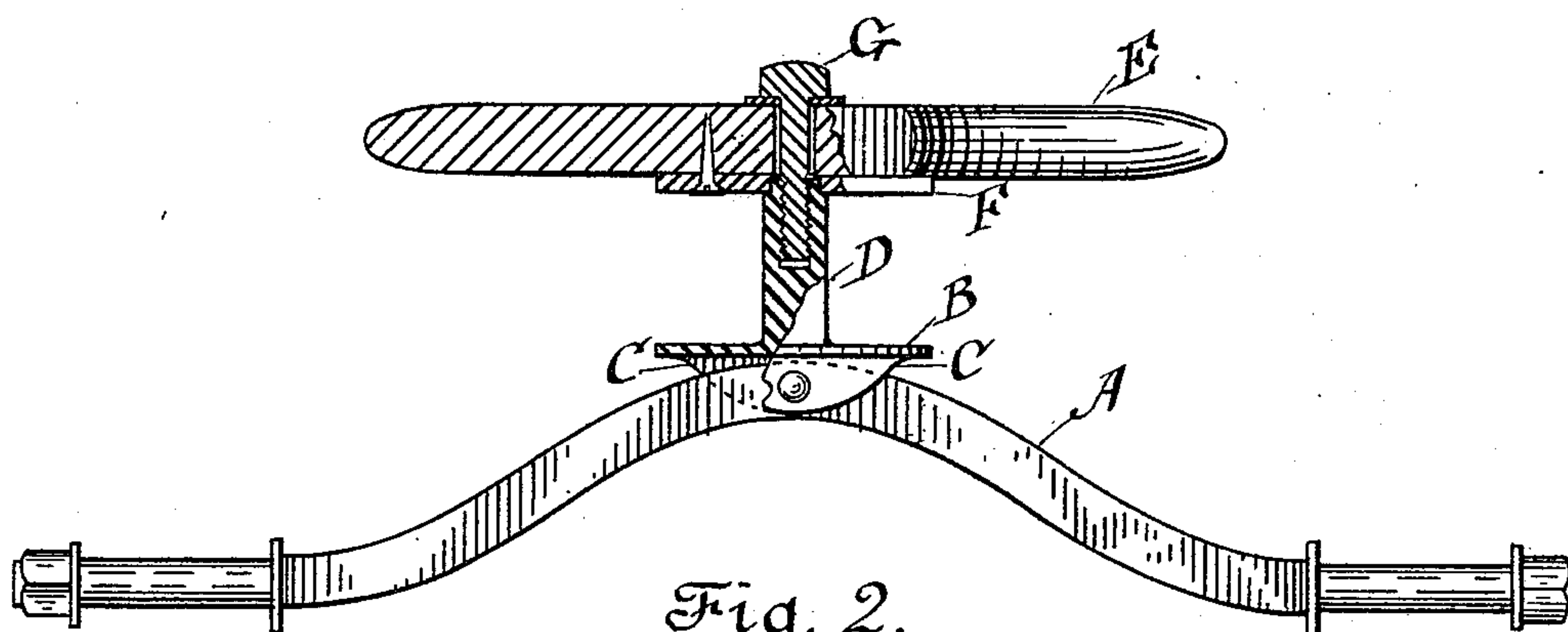
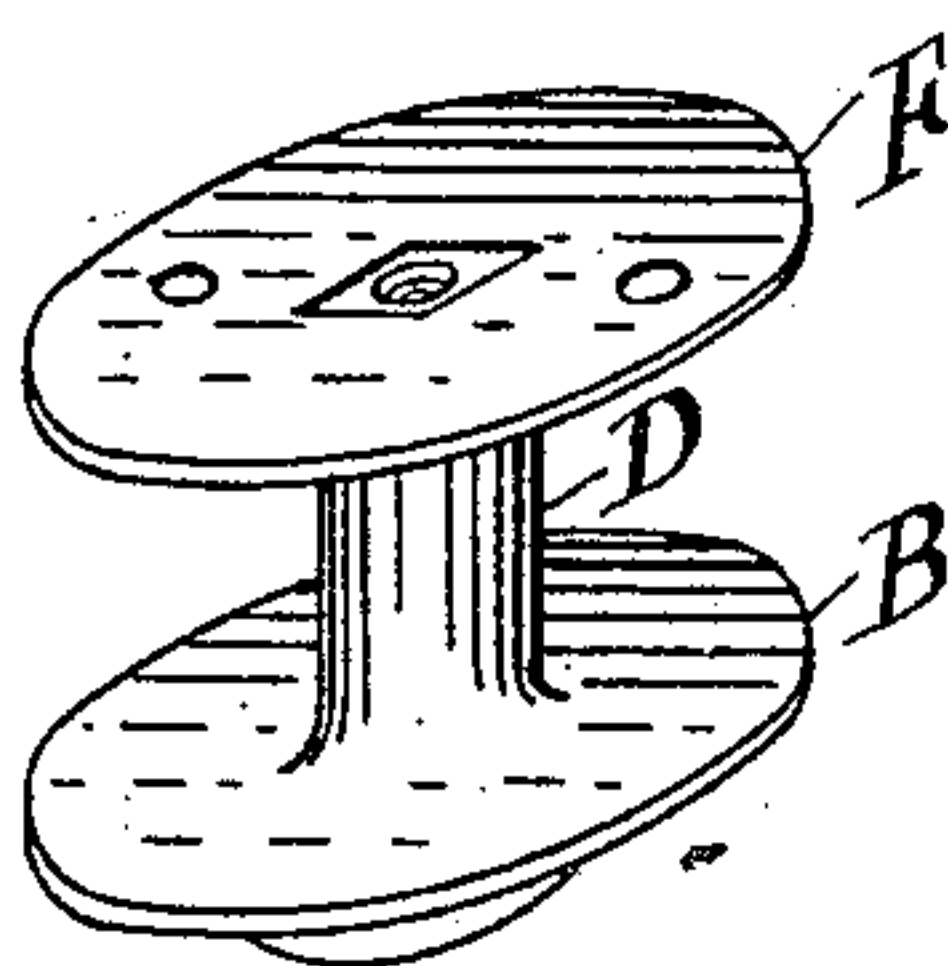


Fig. 2.



WITNESSES.

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CHILD'S PROPELLER.

SPECIFICATION forming part of Letters Patent No. 363,011, dated May 17, 1897.

Application filed August 19, 1886. Serial No. 211,243. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS SNYDER, a citizen of the United States, and a resident of the city of New York, county of New York, and State of New York, have invented a new and useful Improvement in Children's Propellers; and I do hereby declare that the following specification, taken in connection with the drawings annexed to and forming part of the same, furnishes a full and clear description thereof, sufficient to enable those skilled in the art to which it pertains to make and operate the same.

My invention relates to that class of vehicles for children's use known as "propellers," wherein levers and cranks are employed as means of propulsion, and which are steered by the turning of the forward axle by the feet of the rider. Its objects are to simplify and improve the steering apparatus of such vehicles by dispensing with the rods and bars heretofore used and placing the steering device directly upon and attaching the same to the axle, and which also furnishes the king pin, which holds the forward end of the reach.

My improvement is illustrated in the accompanying drawings, Figure 1 being a view in elevation of my improvement applied to an axle, and Fig. 2 a perspective view of the same detached from the axle.

In the drawings, A is the front axle of a child's propeller.

B is a circular metal base-plate, having cast with it on its under surface two parallel curved jaws, C C. The base-plate B has also cast with it on its upper surface a circular metal post, D, which extends upward and fits into a foot-lever, E. The post D has a square head, and is provided with a screw-threaded socket in its top to receive the screw-bolt G. The post D forms the king-pin, which holds the forward end of the reach.

E is a foot-lever provided with a central opening to receive the head of the post D, and has screwed or otherwise secured to its under surface a circular metal supporting-plate, F,

provided with a square opening in its center to receive the head of the post D.

G is a screw bolt, which fits in the circular post D.

Similar letters indicate corresponding parts in the two views.

The base-plate B, carrying the post D and jaws C C, is placed upon the longitudinal center of the axle A, said jaws embracing said axle and being pivoted thereto, as shown in Fig. 1. The foot-lever E, having secured to its under surface the supporting-plate F, is tightly fitted upon the square head of the post D. The latter is then furnished with a washer and the foot-lever and post are firmly united together by screwing the bolt G tightly in the socket in the post D. The end of the reach has free play upon the king-pin or post D between the plates B and F. The pressure of the feet of the rider upon either arm of the foot-lever E causes the post D, with its base-plate B and jaws C C, and the axle A, to turn at the will of the rider, who thus steers or guides the vehicle in the desired direction.

The attachment of the steering apparatus directly upon the axle gives the rider direct and more effective control of the forward wheels, economizes space by bringing said axle nearer to the rider's seat, thus rendering the vehicle more compact.

Having thus described my invention, its construction, application, operation, and advantages, what I claim, and desire to secure by Letters Patent, is—

In combination with the forward axle and reach of a child's propeller, the foot-lever E, provided with the supporting-plate F, base-plate B, carrying the upright post D and parallel jaws C C, and the screw-bolt G, all constructed substantially as shown and described, and for the purpose specified.

FRANCIS SNYDER.

Witnesses:

F. W. HANAFORD,
THOMAS H. MAGNER.