J. C. CLIME.

Velocipede.

No. 106,780. Patented Aug. 30, 1870.

FIG. 1

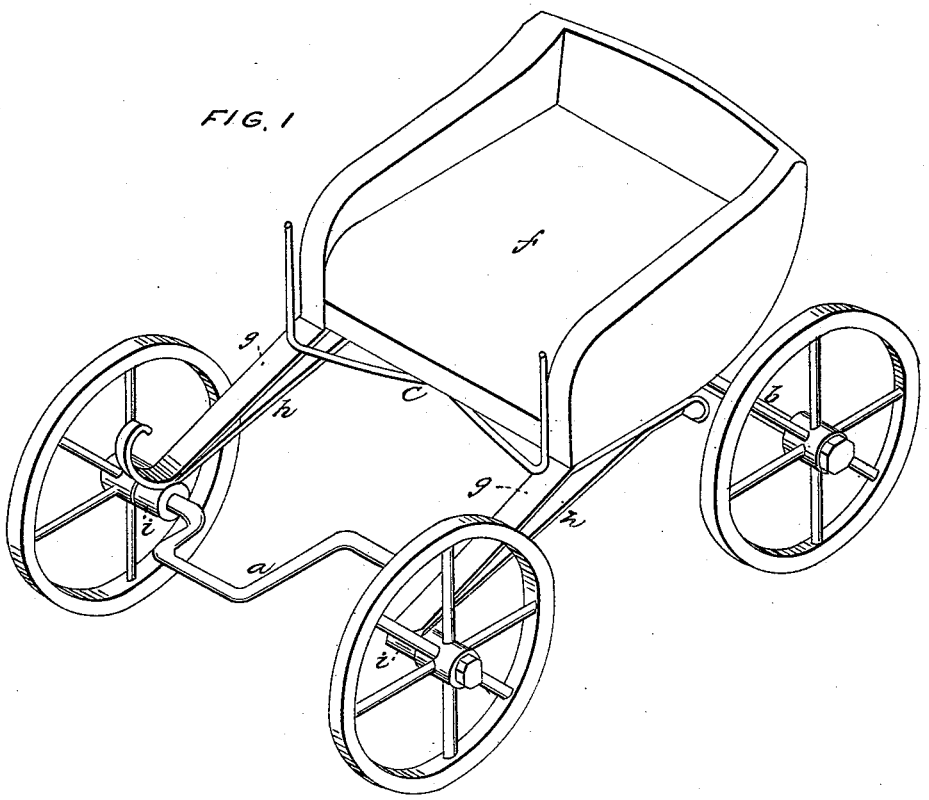


FIG. 3

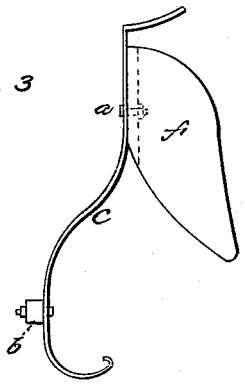
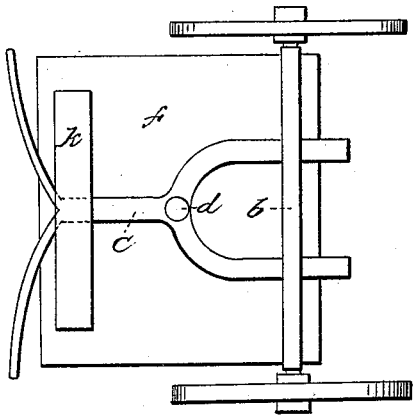


FIG. 2



WITNESSES:

Nathan Penrose

W. R. Reger

INVENTOR:

John C. Clime

United States Patent Office.

JOHN C. CLIME, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 106,780, *dated August* 30, 1870.

IMPROVEMENT IN VELOCIPEDE.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, JOHN C. CLIME, of Philadelphia, Pennsylvania, have invented certain new and useful Improvements in Velocipedes; and I do hereby declare that the following is a full and exact description of the same, reference being had to the annexed drawings forming part hereof.

My improvement consists of a peculiarly constructed guiding-brace and support, and the arrangement thereof to support the seat from the hind axle, and to guide the velocipede; also in front supporting double braces, and the arrangement thereof to support the seat from the front crank-axle.

In the drawings—

Figure 1 is a perspective view of a velocipede with the improvements.

Figure 2 is a perspective view of the velocipede when turned upside down, the front crank-axle and front double braces being removed.

Figure 3 is a perspective side view of the seat, the guiding-brace and support, and hind axle.

Referring to the drawings—

a, fig. 1, represents the front or crank-axle.

b, figs. 1, 2, 3, is the hind axle.

c, figs. 1, 2, 3, is the guiding-brace and support, which is connected to the seat *f* by a pin or bolt, *d*, passing through the bottom of the seat *f*, near its center, acting as a swivel to enable the rider to guide and turn the velocipede at pleasure, and which is also firmly fastened to the hind axle *b*, at or near its rear end, by either bolts or rivets, and supports the seat from the hind axle, the ends projecting in front of the seat *f* being used by the rider to guide and turn the velocipede by the hands.

d, figs 2, 3, is the bolt or pin which connects the guiding-brace and support *c* to the seat *f*, which has a screw-thread cut on the upper end to admit a nut.

f, figs 2, 3, is the seat of the velocipede, which is connected with the guiding-brace and support *c*, by means of a bolt or pin, *d*, as shown; also firmly fastened to the double front braces *g h g h* by bolts or screws.

g h g h, fig. 1, are the two front double braces, which are firmly fastened to the seat *f* by bolts or screws, as shown, and the front end of which is connected to the front or crank-axle *a* by means of scroll journal-boxes *i i*, and which supports the seat *f* from the front or crank-axle *a*.

i i, fig. 1, are the scroll journal-boxes, formed of the end of the lower part *h* of the double braces *g h*.

k, fig. 2, is the guard, which supports the front part of the guiding-brace and support *c*, when weight is placed upon the seat *f*, and permits it to slide as required in guiding or turning the velocipede.

The front wheels are rigidly fastened to their respective tapered journals by the friction of nuts. The hind wheels turn on their journals, being applied in the ordinary manner.

Having thus described my invention,

I claim and desire to secure by Letters Patent—

The combined arrangement of all the parts, as described and shown, for the purpose set forth.

Witnesses: JOHN C. CLIME.

NATHAN PENROSE,

W. R. REGER.