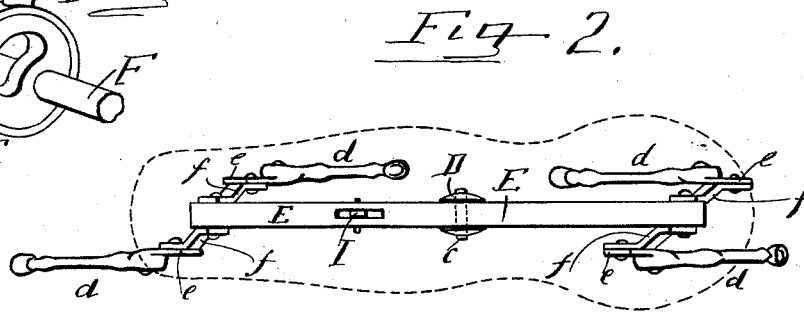
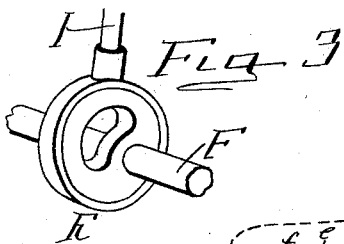
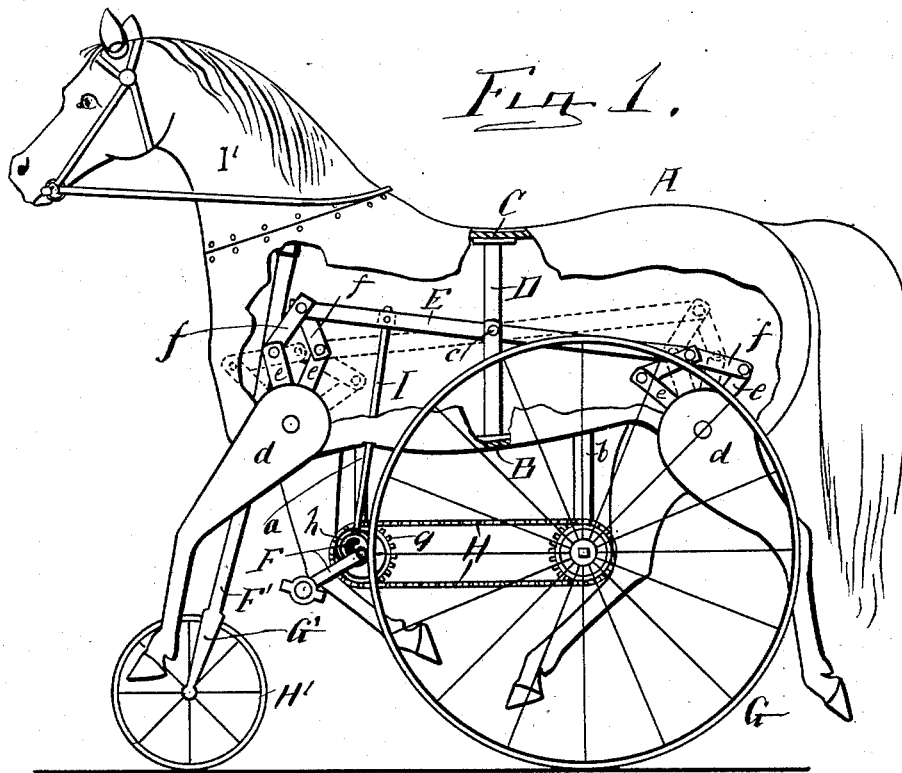


(No Model.)

C. V. BEST.
FIGURE TRICYCLE.

No. 524,413.

Patented Aug. 14, 1894.



Witnesses.
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May Skudgiff.

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UNITED STATES PATENT OFFICE.

CLEARMONT V. BEST, OF CANTON, OHIO, ASSIGNOR TO AUGUSTUS LEININGER
AND EDWARD M. SHREINER, OF SAME PLACE.

FIGURE TRICYCLE.

SPECIFICATION forming part of Letters Patent No. 524,413, dated August 14, 1894.

Application filed November 25, 1893. Serial No. 491,932. (No model.)

To all whom it may concern:

Be it known that I, CLEARMONT V. BEST, a citizen of the United States, residing at Canton, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Figure Tricycles; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon, in which—

Figure 1, is a side elevation, showing a portion of the figure side of the body broken away. Fig. 2, is a top view of the rock-bar, showing the manner of connecting the legs to the figure body. Fig. 3, is a detached view of the eccentric, and a portion of the pitman.

The present invention has relation to figure tricycles, and it consists in the different parts, and combination of parts hereinafter described, and particularly pointed out in the claim.

Similar letters of reference indicate corresponding parts in all the figures of the drawings.

In the accompanying drawings A represents the body, which in this instance is that of a horse; but it will be understood that the body of any quadruped may be substituted for that of the horse shown, without departing from the nature of my invention. The bottom or lower part of the body A is provided with the bar B, which bar may extend the entire length of the body, and is for the purpose of providing a means for attaching the brackets *a* and *b* and at the same time provides a means for attaching the sides of the body A. The top or upper part of the body A is provided with the back-bone C. Between the bar B, and the back-bone C is located the post D, which post is attached to said parts in any well known manner. To the post D is pivotally attached the rock-bar E, by means of the rivet *c* or its equivalent. The body A is provided with the pivoted legs *d*, which legs are provided with the extensions *e*, said extensions being securely attached to the top or upper ends of said legs, or if desired said extensions may be formed integral with the legs. To the top or upper ends of the exten-

sions *e* are pivotally attached the lower ends of the links or bars *f*, and the top or upper ends of the links or bars *f* pivotally connected to the ends of the rock-bar E, said parts being located and arranged substantially as illustrated in Fig. 1. To the bracket *a* is journaled the pedal shaft F, which shaft is provided with the sprocket wheel *g*, and the eccentric *h*. The sprocket wheel *g* is for the purpose of communicating rotary motion to the traveling wheels G by means of the drive chain H, and the eccentric *h* is for the purpose of communicating a rocking motion to the rock-bar E by means of the pitman I, said pitman being pivotally attached to said rock-bar.

It will be understood that by providing the links *f*, and attaching them as described, that as the rock-bar is lowered at one end the descending end will force the extensions *e* away from each other, which in turn causes the legs *d* to move upon their pivotal points, and as the opposite end of the rock-bar E is elevated the extensions *e* will be drawn toward each other, thereby communicating a swinging movement to the legs. For the purpose of producing a natural or life like movement to the legs, each set of the extensions *e* is oppositely timed. For the purpose of supporting the front or forward portion of the body A, together with its different attachments, the bar F' is provided, the bottom end of which is provided with the yoke G', to which yoke the wheel H' is properly journaled. The head I is pivotally connected to the body in any well known manner, and is so attached that the bar F and its different attachments will follow the movements of the head, when said head is turned upon the body.

For the purpose of bringing the free ends of the rock-bar E directly above the leg extensions *e*, and in close proximity with said leg extensions, the rock-bar E is located horizontally within the body. By this arrangement, the distance between the free ends of the horizontal rock-bar, and the leg extensions is materially shortened, by which arrangement, short connecting links can be used for connecting the rock-bar and the leg extensions together, which admits of light connecting links being used without danger

of springing, when a pushing force is applied to the connecting links. Another object in using short connecting links is to impart a uniform movement to the legs.

5 Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

10 The combination of the figure body A, mounted upon traveling wheels, the horizontal rock-bar E, located within the body, the pivoted legs *d*, provided with the extensions *e*, the links *f* pivoted to the leg extensions, and

to the free ends of the horizontal rock-bar, and means for communicating a rocking movement to the rock-bar, all arranged substantially as and for the purpose set forth. 15

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

CLEARMONT V. BEST.

Witnesses:

EDWARD M. SHREINER,
F. W. BOND.