

(No Model.)

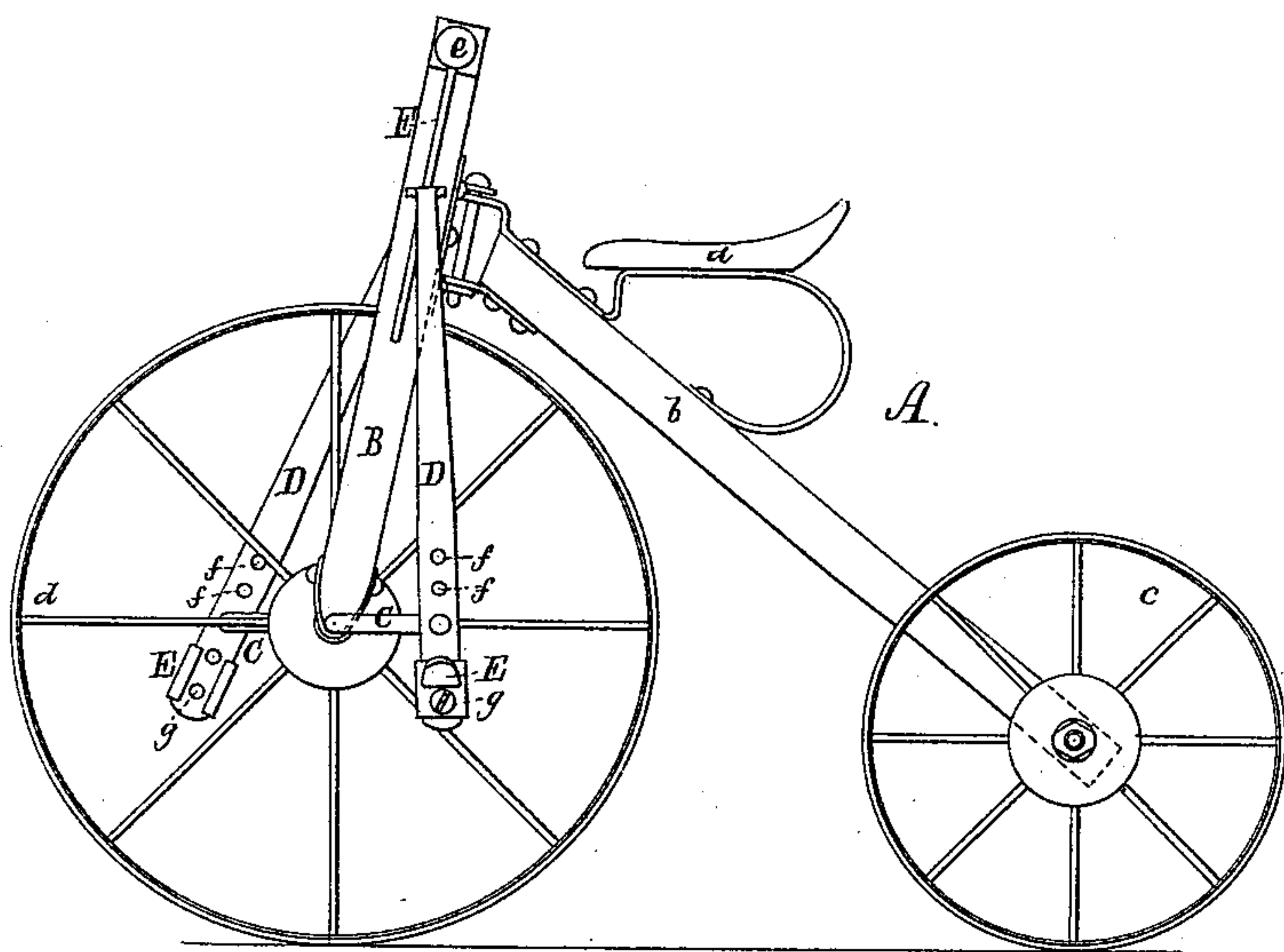
R. G. BRITTON.

VELOCIPEDA.

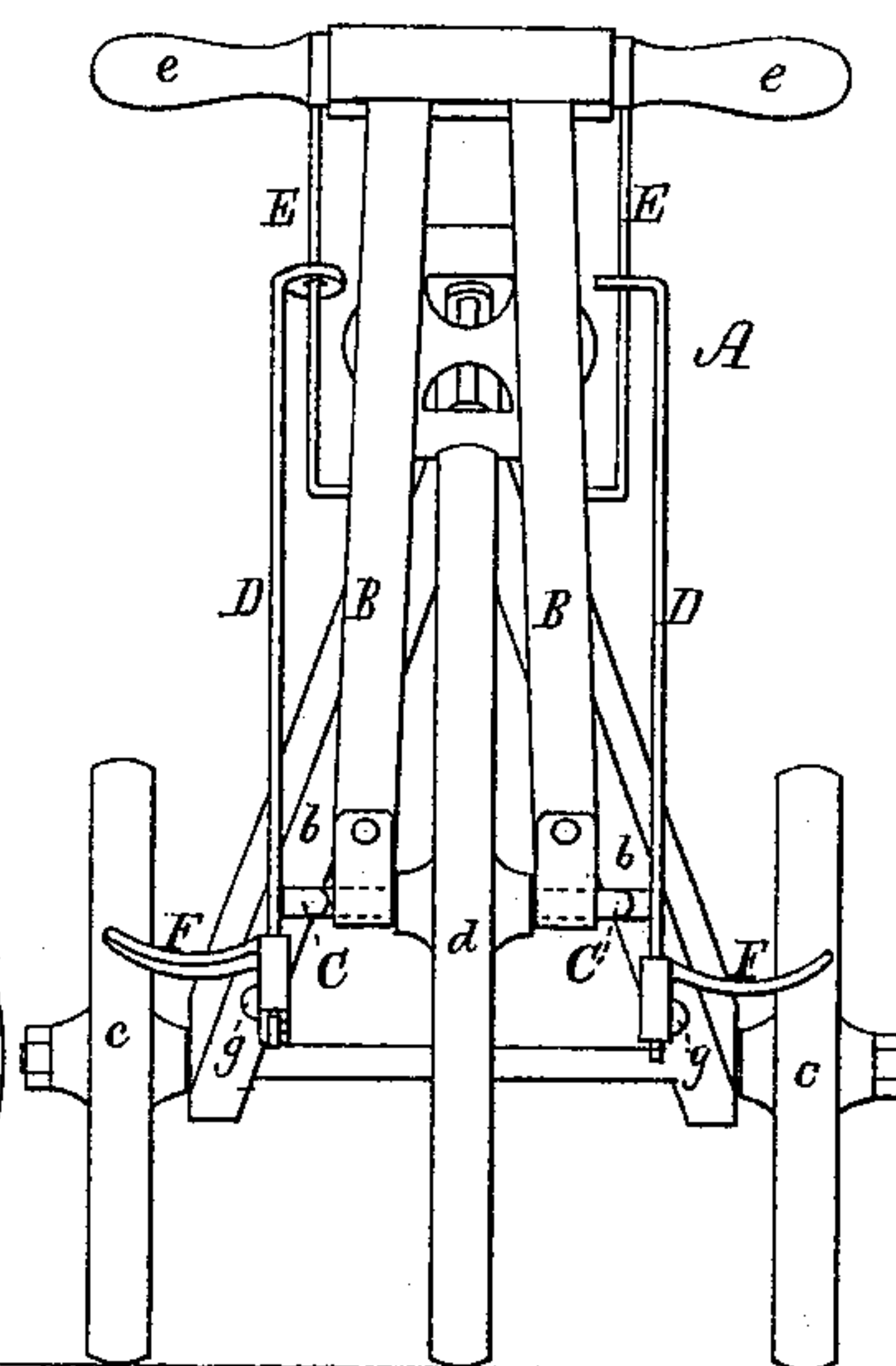
No. 353,917.

Patented Dec. 7, 1886.

*Fig. 1.*



*Fig. 2.*



Witnesses.

S. V. Piper.

R. B. Torrey.

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# UNITED STATES PATENT OFFICE.

RODNEY GEORGE BRITTON, OF SPRINGFIELD, VERMONT.

## VELOCIPEDE.

SPECIFICATION forming part of Letters Patent No. 353,917, dated December 7, 1886.

Application filed April 12, 1886. Serial No. 198,587. (No model.)

*To all whom it may concern:*

Be it known that I, RODNEY GEORGE BRITTON, of Springfield, in the county of Windsor, of the State of Vermont, have invented a new and useful Improvement in Velocipedes; and I do hereby declare the same to be described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a side elevation, and Fig. 2 a front end view, of a "tricycle" provided with my invention, the nature of which is defined in the claim hereinafter presented.

The drawings show the invention as applied to the driving-wheel cranks, such invention being for the purpose of adjusting the foot-rests or pedals relatively to the seat of the rider, as may be required for different persons, according to the length of their legs, a person having legs longer than those of another requiring the foot-rests or pedals to be adjusted farther from the seat, in order to enable him to work the cranks to proper advantage and with ease to himself.

In said drawings, A represents a tricycle, of which *a* is the seat, *b* the body, *c c* the rear wheels, *d* the steering-wheel, B the supporting-frame of such wheel, and *e e* the handles of its frame, the said frame being pivoted in the usual manner to the body *b*. The driving-cranks of the wheel-axle are shown at C and C. There is pivoted on the wrist of each of such cranks C one of two bars or pitman, D, which at its upper end slides freely and loosely on a guide-rod, E, applied to or arranged with the frame B in manner as represented. This pitman is to be so adapted to the guide-rod as to not only be able to move freely upward and downward thereon, but to swing or vibrate with a pendulous movement, such as will be imparted to it by the crank while the latter may be in revolution. To each of the said pitmen D there is fixed a foot-rest or pedal, F, in such manner as to admit of such pedal or foot-rest being adjusted and fixed on the pitmen at different altitudes rela-

tively to the seat *a*. To this end there is a series of screw-holes, *f*, made through the pitman in its lower part, and the foot-rest slides on the pitman and is fastened thereto by a screw, *g*, that goes through it and screws into one of the said holes.

From the above it will be seen that a rider, sitting astride upon the seat and having his feet on the two pedals or foot-rests, can work the cranks so as to revolve their wheels, the said cranks turning in the two pitmen and the latter swinging forward and backward and moving upward and downward in the meantime.

I would remark that my invention is applicable to various of the classes of velocipedes in which a wheel or wheels are operated by the feet of the rider applied to pedals or cranks, whether any such velocipedes have two, three, or more wheels.

I do not claim, in connection with a velocipede, slotted rods movable in guides and pivoted to the wrists of its cranks and having their slots and the adjustable pedals applied thereto arranged wholly above the crank-wrists, in which case the pedals cannot be extended either above or below the cranks, as with my improvement they can be, for adapting the vehicle to persons of different sizes.

I claim—

The combination, with a velocipede, of the two pitmen D, applied to the wrists of its cranks C, and extending both above and below such wrists and provided with pedals E, adjustable on such pitmen lengthwise thereof to positions either above or below the crank-wrists, each of such pitmen at its upper end being supported by a guide-rod, E, or its equivalent, so as to slide and swing laterally thereon under the movement of the crank of such pitmen, as specified.

RODNEY GEORGE BRITTON.

Witnesses:

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MERRILL L. LAWRENCE.