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NOTICE.

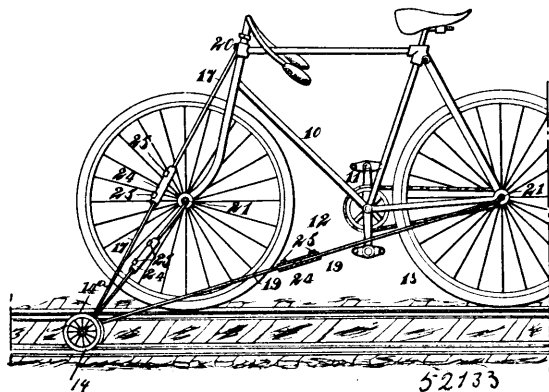
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INVENTIONS PATENTED.

NOTE.—Patents are granted for 18 years. The term of years for which the fee has been paid, is given after the date of the patent.

No. 52,133. Attachment for Bicycles.

(Attache de bicycles.)



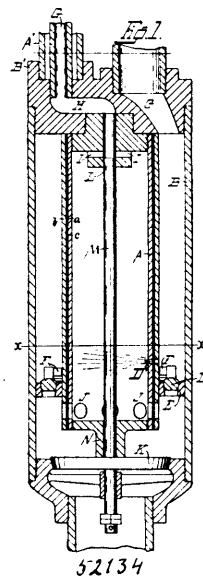
Charles Andrew Coey, Fairfield, Washington, U.S.A., 1st May, 1896; 6 years. (Filed 11th March, 1896.)

Claim.—1st. An attachment for bicycles, comprising a wheel having a concave rim, an axle upon which the wheel is mounted provided with three integral branches on one end, and three sectional and adjustable braces having hollow lower ends to receive the branches of the axle and to which they are adjustably and detachably secured, the other ends of the braces being adapted to be secured to the front and rear axle and the steering fork of a bicycle, substantially as herein shown and described. 2nd. An attachment for bicycles, comprising a wheel having a concave rim, an axle upon which the wheel is mounted provided with three integral branches, and three braces each formed of two parts adjustably connected together by tubular couplings, the ends of the lower sections being hollow to receive the branches of the axle, and to which they are detachably and adjustably secured, the upper ends of the braces being adapted to be secured to the front and rear axle and the steering fork of a bicycle, substantially as described.

No. 52,134. Steam Pump. (Pompe à vapeur.)

James B. Erwin, Milwaukee, Wisconsin, assignee of William Kirkwood, Chicago, Illinois, both in the U.S.A., 1st May, 1896; 6 years. (Filed 27th March, 1896.)

Claim.—1st. In a steam pump, the combination with a single vacuum chamber, having a steam inlet port, a valve controlling said port, and water controlling valve located at the opposite end of said chamber, and a connection between said valves, whereby the vacuum



causes the movement of the second valve and thereby the first is actuated to cut off the steam, substantially as described. 2nd. In a steam pump, the combination within a single inclosure of a vacuum chamber provided at its upper end with a steam controlling valve, a water chamber communicating at its upper end with a water discharge pipe and at its lower end with the lower end of said vacuum chamber, a check valve located between said vacuum and water chambers and the inlet water supply duct, a valve rod communicating between said check valve and said steam valve, and a water discharge check valve located between said vacuum chamber and said water discharge pipe and adapted to permit the escape of water to and to prevent its return from said water discharge pipe, substantially as and for the purpose specified. 3rd. In a steam pump, the combination of a vacuum chamber provided at its upper end with a steam controlling valve; an exterior water chamber communicating at its upper end with the water discharge pipe and provided at its lower end with an inlet water controlling check valve; a valve rod communicating between said check valve and said steam valve; and a check valve located between said vacuum chamber and said water chamber and adapted to permit the escape of water to and to prevent its return from said water discharge pipe, substantially as and for the purpose specified. 4th. In a steam pump of the class described, the combination of a vacuum chamber provided at its upper end with a steam controlling valve, and an exterior inclosing chamber communicating at its upper end with the water discharge pipe and provided at its lower end with an inlet water controlling check valve, a valve rod communicating between said check valve and said steam valve, an annular valve seat surrounding the lower end of said vacuum chamber and the inclosing water chamber, an