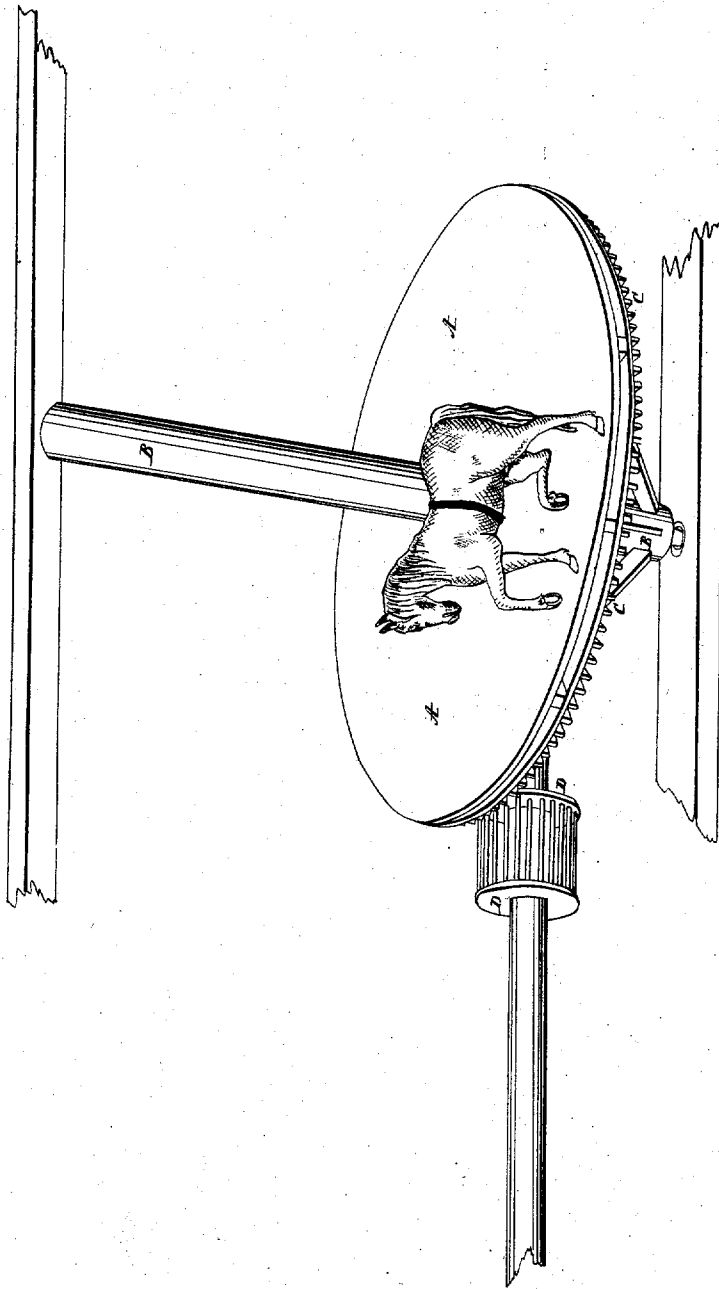


2684 X

*J. B. Robinson,
Horse Power,*

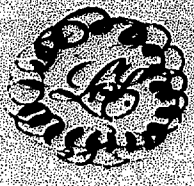
Patented Oct. 14, 1816.



Oct 14 1816 2684x 8

To all to whom these presents shall come, greeting.

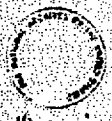
Whereas, that the enclosed is a true copy of the Specification making part of the Patent granted to Joseph West Robinson for his improvement in the inclined Horse wheel dated the 14th of October 1816.



In testimony whereof, John Q. Adams, Secretary of State of the United States, have caused my name and caused the Seal of the Department of State to be affixed.

Done at the City of Washington this second day of May A.D. 1820

J. Q. Adams



Description of the inclined Horse Wheel (mentioned in the above Petition)

The arms of the inclined horse wheel pass through a shaft at right angles and are planted on in such a manner as to sustain the weight of one or more horses. The shaft is inclined from a perpendicular about ten degrees which of course elevates one side of the wheel ten degrees above and depresses the other side ten degrees below the horizon, a horse therefore placed between the extremities by his weight causes round the wheel and must of necessity continually roll in order to retain his position. The arms of the wheel may be fixed from the shaft either above or below the wheel or both, a cog wheel may be affixed either to the upper side or under side of the arms, or to other arms passing through the shaft either above the horse walks or below it. Cogs may be affixed either to the upper or under sides or the edges to mesh into one or more rollers, so as to proportion the power & velocity in any manner found most useful. The diameter of the wheel and length of the shaft may be also increased or diminished to suit the Business of Boats. The extent of Mills, manufactures &c which may be put in motion by the wheel. on the shaft of the rollers, or balance wheel should be affixed especially for saw Mills when saws and ~~might~~ ^{may} be proportioned to the extent of machinery put in motion (Circular - 16 Sept 3rd 1816)

Test. Stephen Holbert
Thomas Hughes

Joseph West Robinson

by
1816