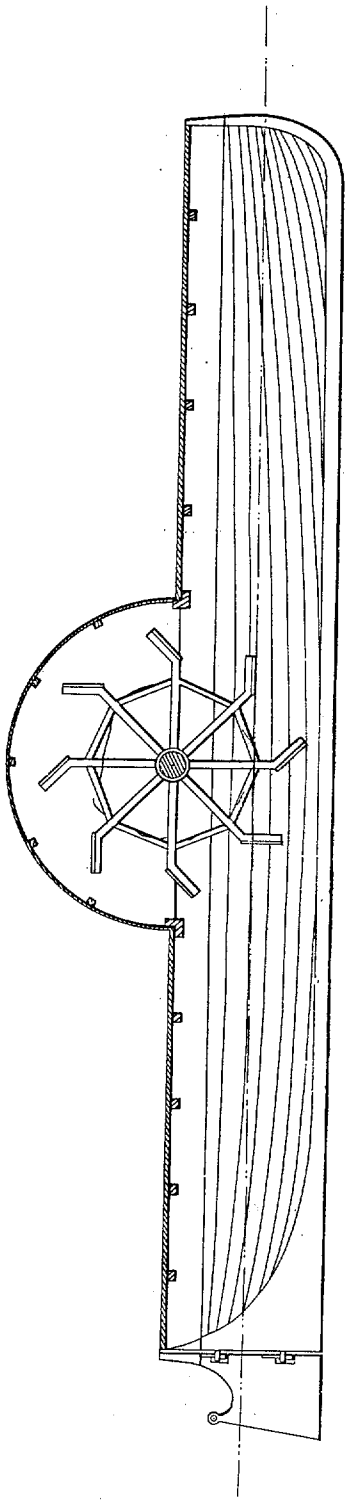
8654X

N. Dodge.
Paddle Wheel.

Patented Feb. 20, 1835.



N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

Feb 20. 1835

Jehemiah Dodge

Letters Patent

8654X
2/20/1835

The Schedule referred to in these Letters Patent and making part of the same containing a description in the manner of the said Jehemiah Dodge himself of his improvement in Water Wheels for Steam Boats which he denominates the Continual Straight buoyant wheel—

The Continual Straight buoyant Wheel is Constructed like a Common Steam boat wheel except the Shape when the Blades are attached inclining forward at an angle of 45 degrees. A Brace running from the outer edge of one Blade or Shaft to the angle of the other Shaft and other brace necessary to make it strong.

This wheel though simple in its construction when attached to a Steam boat under way will naturally buoy up the boat and as the Blades recede from the water there will be but little resistance which the common Steam boat wheel is necessarily obliged to contend with; consequently a Steam boat with wheels Constructed after the model must push through the water with much greater velocity than with the commonly constructed wheel.

The speed of the boat can also be checked by wheels constructed after this manner much sooner than by the common wheel as the natural tendency of a backward motion of the wheels is to draw the boat down in the water

Jehemiah Dodge

Witness
Edward Bruce
Wm Sims

Recd. 1835

(Patented 20 Feb 1835)

252 ws

(Drawing)