E-MARINE PROPULSION.
PADDLE-WHEELS —
9. Fitting and Driving.

CLASSIFICATION
3T/12½X
DIVISION.
~~3112X~~
3112½X

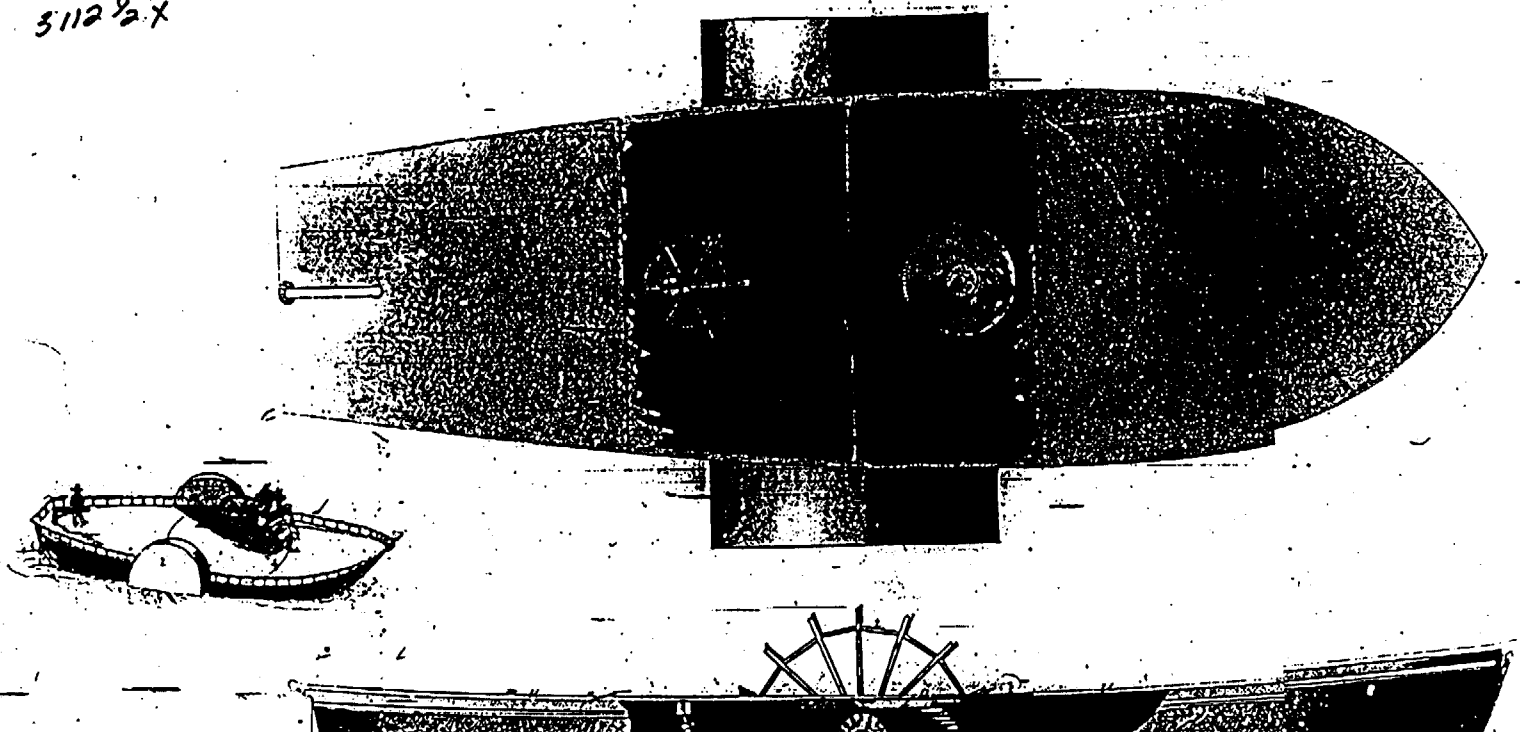
115. SHIPS.
2. PROPULSION.
[139] Paddle Wheels.

Barnabas Langdon & John Langdon

Improvement in the Horse Boat.

Vol 4. pg. 229.
Patent Issued
June 5, 1819.

a. Horizontal wheel and b the platform
c. the vessel by which
d. Shaft of the water wheel
e. the chain
f. the chain extended.
g g. the upper part of the
h h. the lower water wheel
i. the lower water of the
k. the upper water of
l. the pinion and chain
m. water gate
n n. the rudder.
o. the tiller
p. the man
q q. Paddles
r. the axis wheel.
s. the water wheel
t. the gearing on the
u. the pulley on the
v. the rest



Patent Office June 29 1841.
Attested under the direction of the Commissioner of the
in pursuance with act of 3d March 1837.

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