

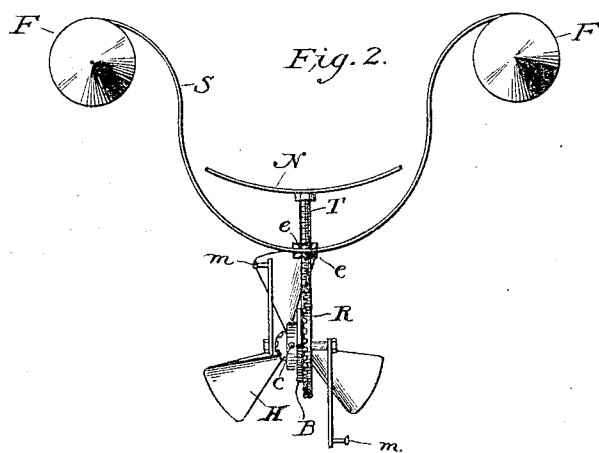
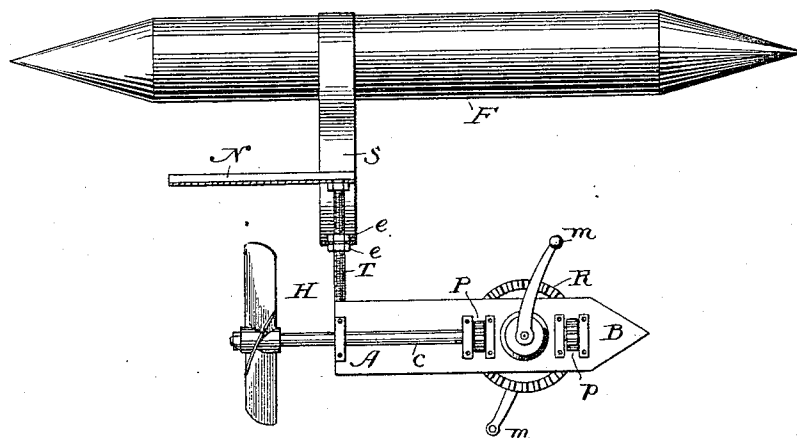
(No Model.)

J. MALO.
SWIMMING MACHINE.

No. 466,007.

Patented Dec. 29, 1891.

Fig. 1.



Witnesses:
Oscar Malo.
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per
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UNITED STATES PATENT OFFICE.

JEAN MALO, OF MONTREAL, CANADA.

SWIMMING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 466,007, dated December 29, 1891.

Application filed June 24, 1889. Serial No. 315,570. (No model.)

To all whom it may concern:

Be it known that I, JEAN MALO, a citizen of Canada, residing at Montreal, in the Province of Quebec, Canada, have invented a new and useful Swimming-Machine—"The Cyclinat"—of which the following is a specification.

The cyclinat consists in a motor of propulsion supported at a certain depth under the water by a floating system.

Figure 1 of the drawings hereto annexed represents a side view of the machine. Fig. 2 is a front view.

F F are two (2) tubular floaters made of tin and divided in water-tight compartments to insure safety in case of accidents.

S is a flexible plate of metal having the form given on the drawings, which has for its object to support the motor of propulsion under the floaters F F by the intermediate of a screw-rod T. The screw-rod T is finished at its upper end by a plate N.

The motor of propulsion consists of a screw H, secured to a shaft C, to which is fixed a pinion P, gearing with a cog-wheel R. To the shaft of the cog-wheel R are fixed two (2) handles *m m*. The little wheel *p* is used to maintain the stability of the wheel R when the latter is in movement.

The motor of propulsion is securely fixed to a frame A B, as shown on the drawings.

The two (2) nuts *e e* are used to raise or lower the motor of propulsion under the surface of the water, and consequently the plate N, which is at the top of the screw-rod T.

The swimmer, when wanting to use the machine, begins by fixing the plate at the proper height with the nuts *e e*. Then placing himself on the machine so that his stomach rests upon the plate N he puts the motor in movement with his arms, using the handles *m m*.

The object of the machine is to enable an inexperienced swimmer to go in the water without danger and with rapidity wherever he wants to. It is also a salvage-machine.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a swimming-machine, the combination of two parallel tubular floats connected by a downwardly-curved brace and a vertical screw-rod passing centrally through said brace, the upper end thereof having a body support or rest thereon, the lower end thereof engaging with suitable propelling mechanism.

2. A swimming-machine having a supporting-frame and tubular parallel floats connected by a downwardly-curved brace, a vertically-adjustable body support or rest on said brace, and a horizontal shaft supported in said frame and having a propeller at its forward end and pinions at its opposite end, which engage a gear-wheel mounted on a transverse crank-shaft.

JEAN MALO.

Witnesses:

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