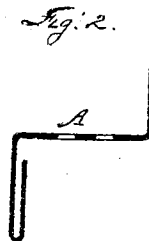
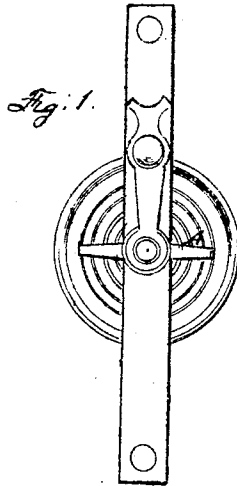


PATENTED
DEC 3 1867

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A.J. Goodrich's Marine Clock



Witnesses,
Thos Trushe
J. A. Brown

Inventor:
A. J. Goodrich
Per *Wm. C. [Signature]*
Attorney

UNITED STATES PATENT OFFICE.

A. I. GOODRICH, OF WATERBURY, CONNECTICUT.

IMPROVEMENT IN REGULATORS FOR MARINE CLOCKS.

Specification forming part of Letters Patent No. 71,738, dated December 3, 1867.

To all whom it may concern:

Be it known that I, A. I. GOODRICH, of Waterbury, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Marine Clocks; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention relates to the movement-regulator of marine clocks; and it consists in making the same of one piece in lieu of three, as heretofore, the advantages of which are that it is more simple and more durable than the three-part regulator, cannot get out of repair unless broken, and is easily made, there being no holes to drill, no wire to be straightened and cut, or riveting to be done.

In the accompanying plate of drawings my

improvement in regulators for marine clocks is illustrated, Figure 1 being a plan or top view of the same, showing it in connection with the balance-spring and its frame; Fig. 2, a side view of the regulator detached.

A in the drawings represents my improved regulator for marine clocks, which, in lieu of being made in three parts, as heretofore, is made of one piece or strip of metal from end to end, as plainly shown in the drawings, Fig. 2 more especially, the advantages of which have been hereinbefore enumerated.

I claim as new and desire to secure by Letters Patent—

A regulator for marine clocks, made of one piece or strip of metal from end to end, substantially as described.

A. I. GOODRICH.

Witnesses:

ISAAC COE,
GEO. E. TERRY.