

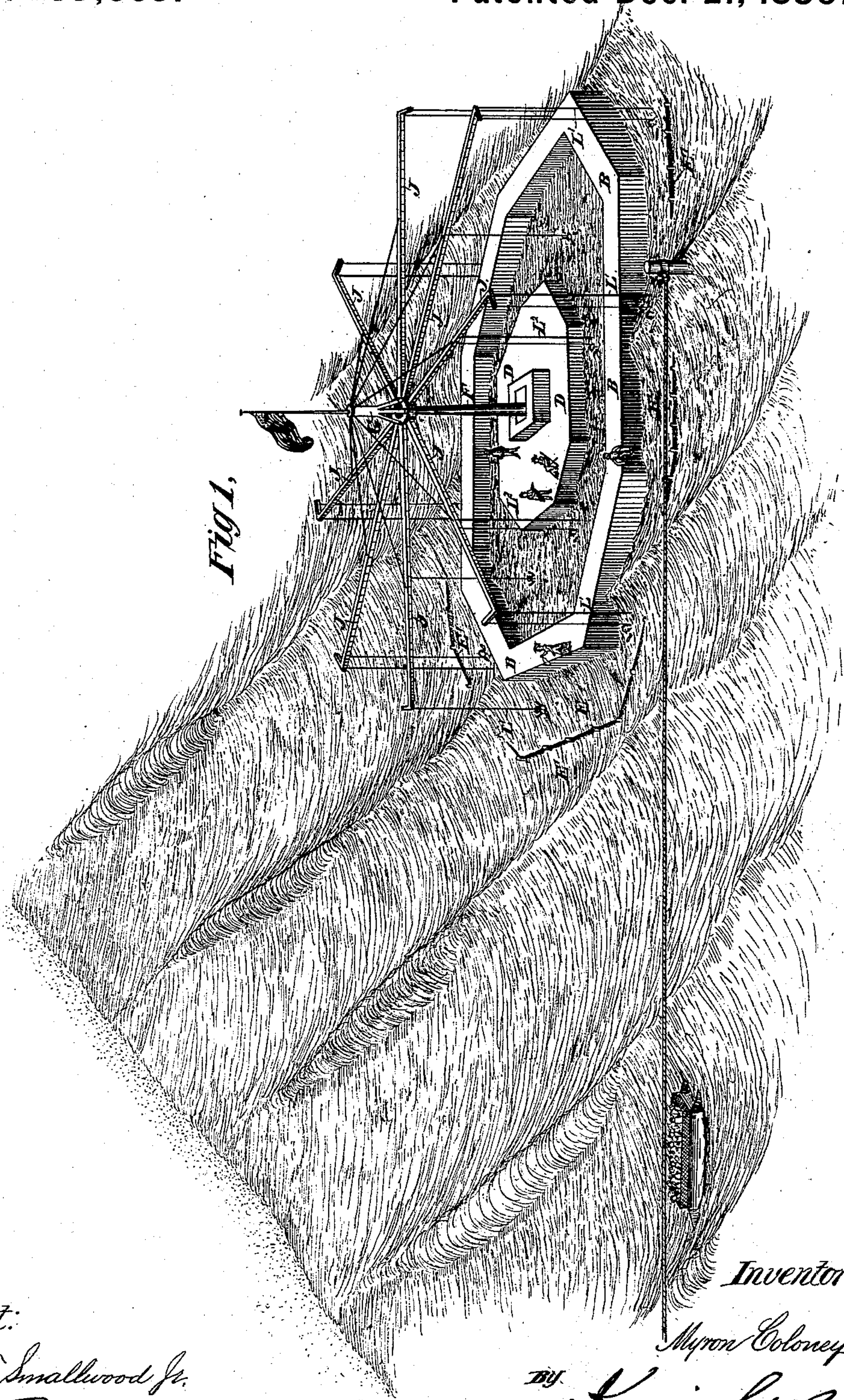
(No Model.)

3 Sheets—Sheet 1.

M. COLONEY.
Swimming Apparatus.

No. 235,669.

Patented Dec. 21, 1880.



Attest:

Geo. T. Smallwood Jr.
Walter Allen

Inventor:

Myron Coloney

By *Knights Bros*
attys.

(No Model.)

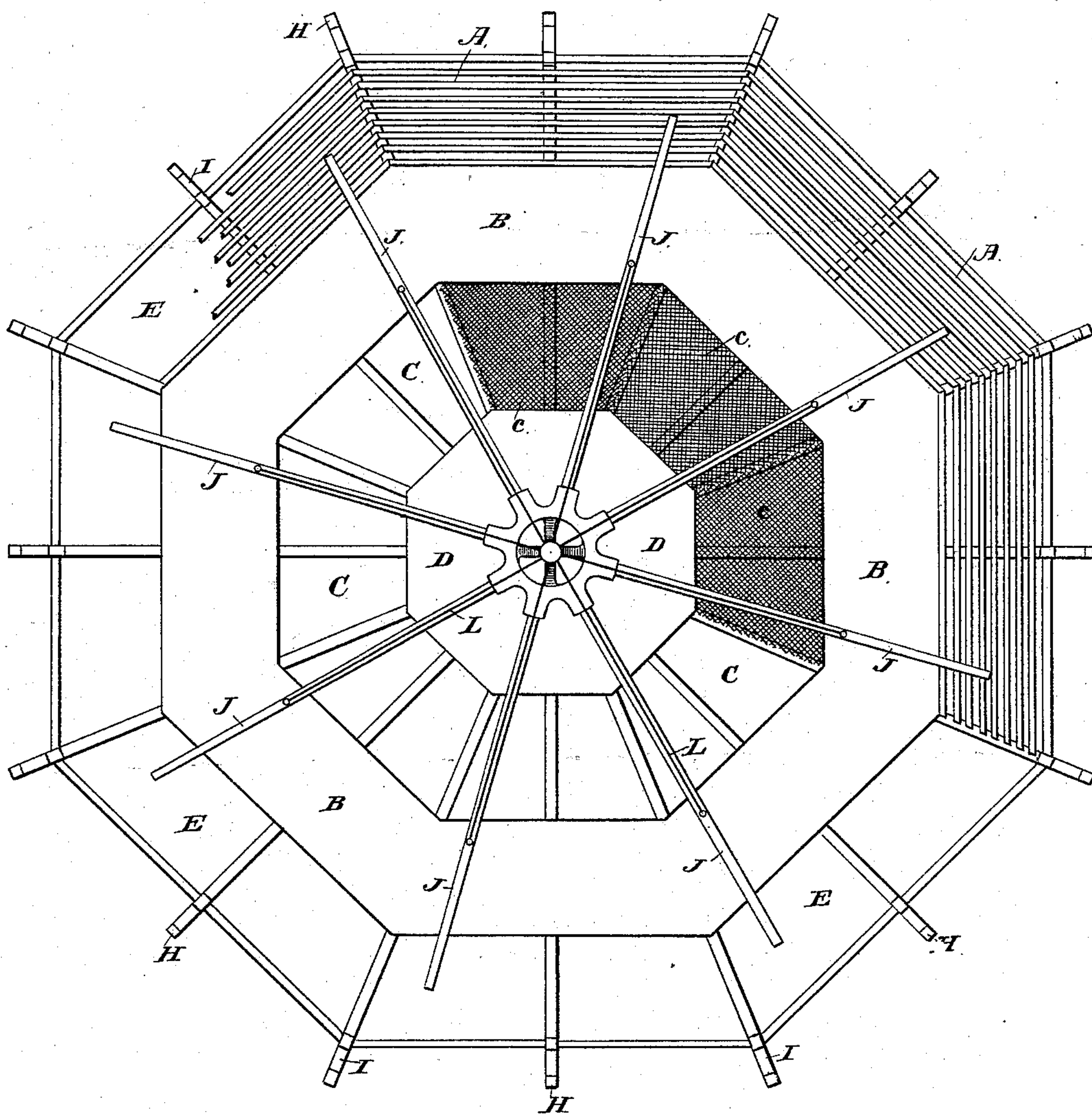
3 Sheets—Sheet 2.

M. COLONEY.
Swimming Apparatus.

No. 235,669.

Patented Dec. 21, 1880.

Fig 2.



Attest:

Geo. F. Smallwood Jr
Walter Allen

Inventor:

Myron Coloney
By Knight Bros
attys.

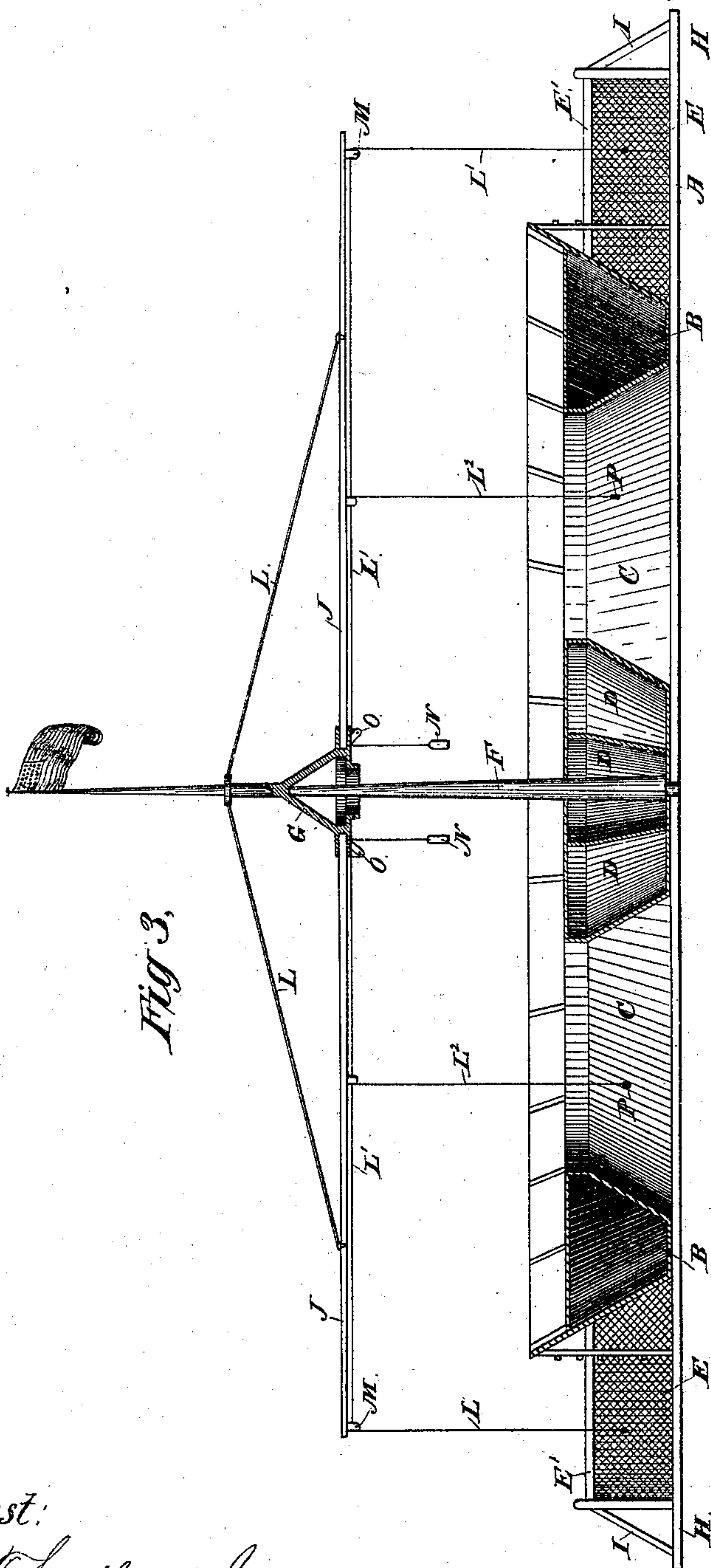
(No Model.)

3 Sheets—Sheet 3.

M. COLONEY.
Swimming Apparatus.

No. 235,669.

Patented Dec. 21, 1880,



Attest:
Geo. T. Smallwood Jr.
Walter Allen

Inventor:
Myron Coloney
BY Knight Bros
Attys

UNITED STATES PATENT OFFICE.

MYRON COLONEY, OF NEW HAVEN, CONNECTICUT, ASSIGNOR OF ONE-HALF
TO ELIZABETH THOMPSON, OF NEW YORK, N. Y.

SWIMMING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 235,669, dated December 21, 1886.

Application filed November 2, 1880. (No model.)

To all whom it may concern:

Be it known that I, MYRON COLONEY, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented new and useful Improvements in Swimming Apparatus, of which the following is a specification.

The subject of my invention is an apparatus adapted to be anchored or otherwise secured in open water, and provided with one or more galleries at a limited depth below the surface, to accommodate bathers and enable persons to learn to swim without danger.

The invention further consists in a combination, with the aforesaid submerged circular galleries, of a system of rotatable horizontal beams with pendent cords, to which learners may be attached by suitable girdles or clothing, and thereby be supported in the water in proper position for learning to swim.

In order that the invention may be fully understood, I will proceed to describe it with reference to the accompanying drawings, in which—

Figure 1 is a perspective view of the apparatus in use. Fig. 2 is a plan view. Fig. 3 is a vertical section thereof.

A represents a slatted bottom, covering the whole area of the apparatus, and adapted to be submerged three or four feet below the surface.

B is an outer annular water-tight compartment, the top of which forms a deck.

D D D are water-tight compartments, forming a central deck.

C represents an inner annular gallery or swimming-course, the bottom of which is formed and constituted by the slatted bottom of the apparatus. The said bottom A also extends horizontally beyond the outer flotation-compartments, B, so as to form an annular gallery, E, surrounding the outer annular deck, and protected by a bulwark, E', of wire-netting, rising nearly or quite to the level of the water and extending completely around the apparatus. This serves to prevent swimmers stepping off from the slatted bottom of the outer

gallery into deep water, and also protects them from any possible danger from sharks or from the surf.

H H represent projecting ends of the timbers, forming the slatted bottom A for the support of stanchions or braces I, by which the wire-netting E' is firmly secured.

F is a central post, extended upward a sufficient distance to receive a bell-shaped socket, G, in which are fixed a number of horizontal radial arms, J, sustained by guys or stay-rods L, and extending to a sufficient length to be over about the center of the outer annular gallery, E. From the extremities of the arms J depend cords or wires L', passing over pulleys M attached to the arms J, and provided at their inner ends with counter-weights N.

L² L² represent a second series of cords depending from the arms J over the center of the inner annular course, C. The said cords may be fixed in any position to which they are adjusted by clamps O, and are provided at their extremities with snap-hooks P, adapted to be snapped into suitable rings or belts around the waists of the swimmers.

At c is shown a wire-woven carpet, covering the slat bottom of the inner swimming-course, C.

In operation the arms J are carried around freely by the action of the swimmers, and in this manner a large number of learners may be taught to swim without risk in any body of open water, and healthful sport may be furnished even for expert swimmers. The outer gallery, E, affords room for these to swim in the outer surf without danger, while the inner annular course, C, is adapted for the accommodation of younger or less venturesome persons, who desire perfectly still water, which is equally pure and constantly changing.

The apparatus may be anchored in open water of any depth over two and one-half feet, thus being floating or portable, or it may be made stationary and built around a pile driven in at the site of its intended location. The floating and portable form of the apparatus is, however, preferred.

Having thus described my invention, the following is what I claim as new therein and desire to secure by Letters Patent:

1. The swimming apparatus consisting of
5 concentric annular galleries to be submerged a limited distance below the surface, as and for the purpose set forth.
2. The combination of the flotation-chambers B D and annular galleries C E, substan-
10 tially as and for the purpose set forth.

3. The combination of one or more annular galleries, central post, F, rotary arms J, and pendent cords L L', substantially as and for the purpose set forth.

MYRON COLONEY.

Witnesses:

H. H. BUNNELL,
J. E. LOMAS.