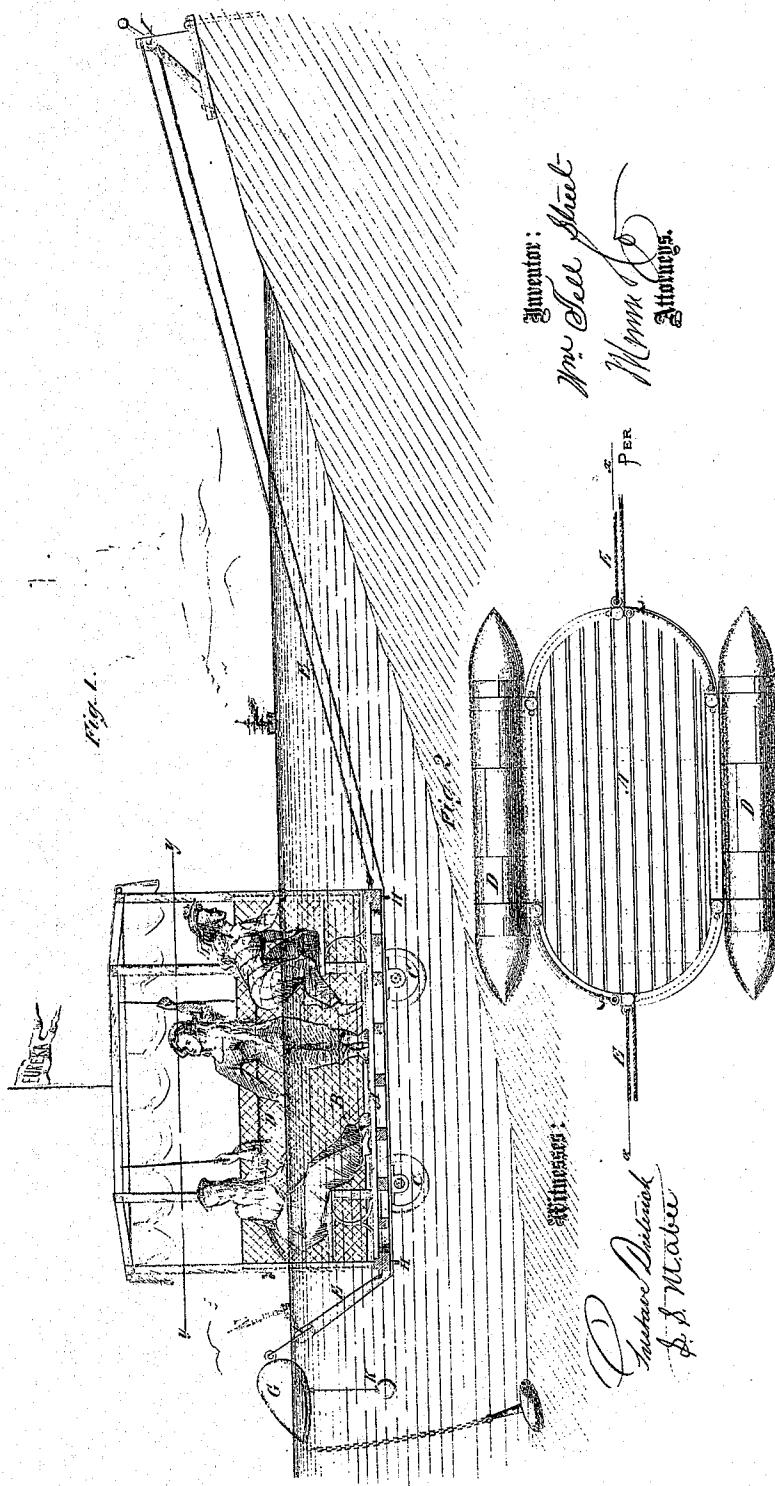


W. T. Street,
 Bathing App's.
 No. 102,878. Patented May 10, 1870



United States Patent Office.

WILLIAM TELL STREET, OF FRANKFORD, PENNSYLVANIA.

Letters Patent No. 102,878, dated May 10, 1870.

IMPROVEMENT IN BATHING APPARATUS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, WILLIAM TELL STREET, of Frankford, in the county of Philadelphia and State of Pennsylvania, have invented a new and improved Bathing Apparatus; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings forming part of this specification.

This invention relates to improvements in safety bathing apparatus, and consists in the employment of a light bathing-car provided with netting guards, floats, and wheels, and with hauling-tackle, the latter connected to a windlass on shore and a buoy at sea, so arranged that the car can be drawn from the shore into the water and back again without danger to the occupants, who may enter before the car enters the water, and remain therein until it is drawn out again.

Figure 1 represents a sectional elevation of my improved car with the operating-tackle as when the car is afloat, and

Figure 2 is a horizontal section of the same.

I propose to employ any kind of a cage or car A of light and strong structure, with guard-nettings B of wire or other woven stuff to admit the water to pass through freely, to which I attach small, light wheels C, to roll along the sand on shore and on the bottom in shallow water, and along the sides, and about the height it is desirable to let the car sink into the water, I attach floats D, of any character to sustain the car and its load of passengers, at the proper depth for bathing.

To this car is attached, at one end, a rope, E, passing over a pulley attached to a buoy anchored out at sea as far as may be required; thence it extends backward, preferably under the car, through guides H, to a winding-drum, I, on shore, thence back to the car;

the drum is arranged for hauling the car into the water or out again, as may be required.

The buoy G is provided with a ballasting-weight, K, suspended from it by a rod, to prevent it from turning and fouling the rope in the pulley F.

The car may have a light canvas or other cover to protect the bathers from the sun; also seats and other conveniences for the comfort of the occupants.

It is manifest that this apparatus affords a very safe protection against the dangers of deep water, and the outward flowing tides or waves.

I may use any other support for the pulley F, for example, a post driven into the earth below the water, but the buoy is preferable.

The buoys or floats may be attached to the car so as to be adjusted up or down thereon, to vary the immersion of the car.

The block which supports the pulley F may also have a weight attached to it, for preventing it from turning and freeing the rope.

Of course the apparatus may be used for wrecking purposes as well as for bathing, and I contemplate such use of it.

Having thus described my invention,

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

A bathing-bar or cage A, provided with buoys or floats D, and with hauling-tackle, the latter consisting of a winding-drum, I, on shore, and a pulley attached to a float, G, or other support anchored in the water at a suitable distance from the shore, and a cord or rope, E, all arranged for operation substantially as specified.

WM. TELL STREET.

Witnesses:

JONATHAN BROOKE,
THADDEUS STEARNE.