May 27, 1924. 1,495,402

A. DANIEL

SWIMMING POOL PLATFORM

Filed June 6, 1922

Fig. 1.

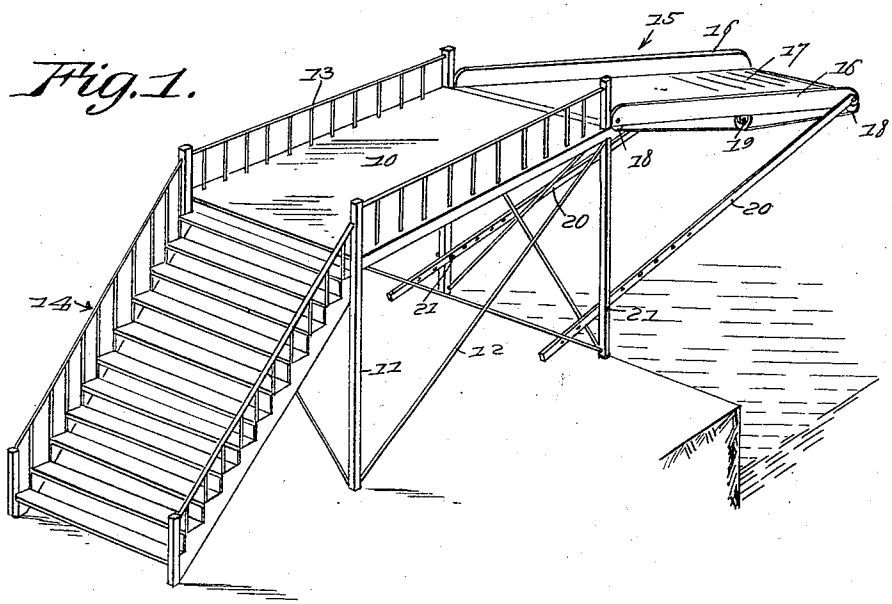
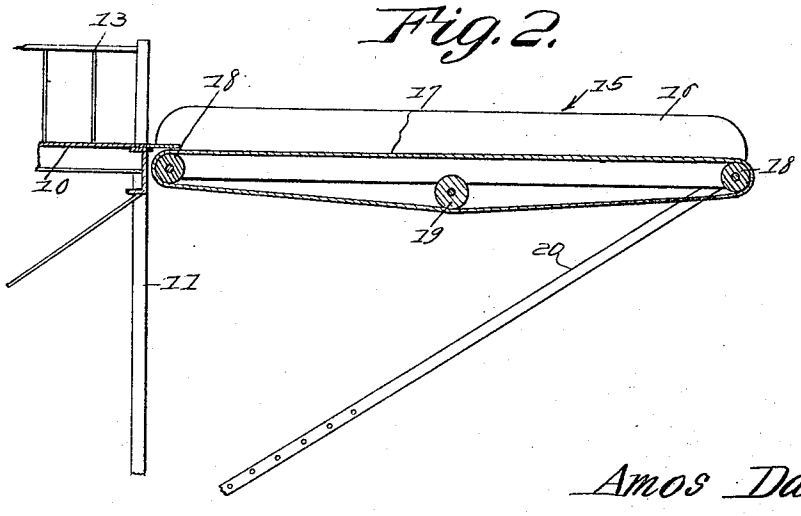


Fig. 2.



Inventor

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UNITED STATES PATENT OFFICE.

AMOS DANIEL, OF WEST PALM BEACH, FLORIDA.

SWIMMING-POOL PLATFORM.

Application filed June 6, 1922. Serial No. 566,428.

To all whom it may concern:

Be it known that AMOS DANIEL, a citizen of the United States of America, residing at West Palm Beach, in the county of Palm Beach and State of Florida, has invented new and useful Improvements in Swimming-Pool Platforms, of which the following is a specification.

The object of the invention is to provide an amusement device of the type used in connection with swimming pools as a means of facilitating the diving and plunging of the swimmers into the water from an elevated support such as a platform, and particularly to provide a device of the type ordinarily referred to as a diving platform whereby the occupant may be permitted to slide to the point of discharge without the wear and tear on the garments or suits which are incident to the use of ordinary forms of chutes along which the operator is enabled to slide; and with this object in view the invention consists in a construction and combination of parts of which a preferred embodiment is shown in the accompanying drawings, wherein:

Figure 1 is a perspective view of a structure embodying the invention.

Figure 2 is a sectional view of a portion of the chute.

The apparatus consists essentially of an elevated platform 10 supported by suitable framework including uprights 11 and braces 12 and preferably fitted with guards or side rails 13 for the protection of the occupants, and a flight of steps or stairs 14 leading to the platform for convenience in approaching the same. Pivotally mounted for swinging movement with relation to the outer end of the platform is a chute 15 having side guards 16 and adapted for arrangement at various inclinations to afford a means of sliding into the water or to the point above the surface of the water for diving and similar exercises of sports.

In order that the sliding of the occupant on the chute may be accomplished without the wear on the clothing or suit which is incident to a polished surface ordinarily employed in this connection, an endless apron 17 is arranged to traverse the surface of the chute and is supported terminally by rollers 18 and having an intermediate tensioning roller 19, said rollers as indicated being provided with anti-friction bearings so as to provide for a free running movement of the apron or belt to the end that when the operator imposes his weight on the apron it promptly responds to the action of gravity and conveys him to the discharge or lower end of the chute. The inclination of the chute is variable by means of brace bars 20 extending from the outer end of the chute to the outer or front uprights with which they have adjustable connection by means of bolts 21 or the equivalents thereof.

Having described the invention, what is claimed as new and useful is:—

An equatic sport apparatus comprising a platform erected adjacent a body of water and adapted to be used as a runway, a chute mounted at the edge of the platform and disposed over the surface of the water, a continuous belt mounted for orbital movement along the chute and having its upper run alined with the runway of the platform and a tensioning means applied to the lower run of the belt and serving to hold the upper run of the belt in a taut and stretched condition, whereby the upper run of the belt may serve as a longitudinally moving spring board impelled by a body passing swiftly from the runway upon the upper run of the belt and jumping precipitously thereon to effect a turning dive from the belt into the body of water.

In testimony whereof he affixes his signature.

AMOS DANIEL.