

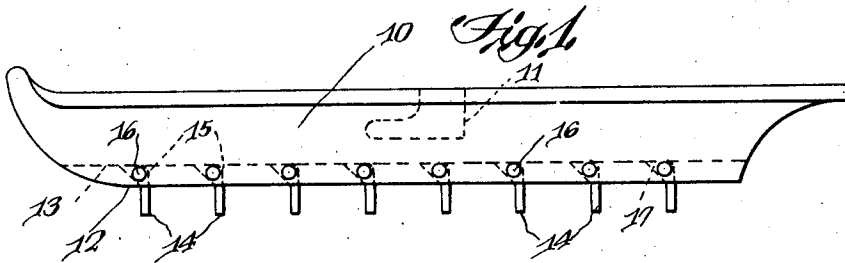
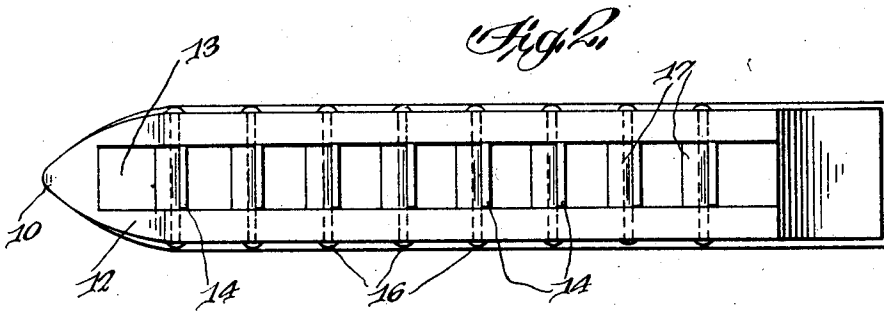
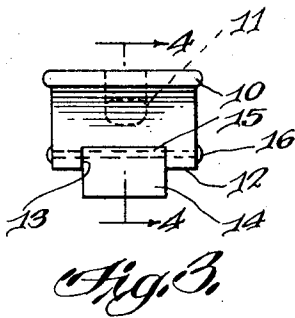
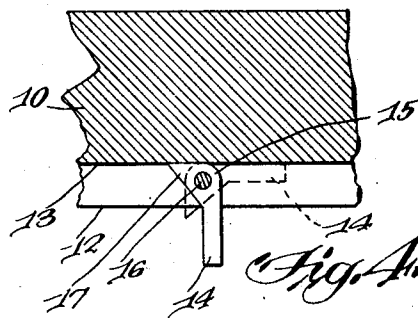
May 21, 1929.

A. H. ECHOLA

1,714,352

WATER SKI

Filed Oct. 17, 1927



Arnold H. Echola

INVENTOR

BY Victor J. Evans

ATTORNEY

WITNESS:

John D. Palmer

UNITED STATES PATENT OFFICE.

ARNOLD H. ECHOLA, OF CRYSTAL FALLS, MICHIGAN.

WATER SKI.

Application filed October 17, 1927. Serial No. 226,693.

This invention relates to certain novel improvements in water ski and has for its principal object the provision of an improved construction of this character which will be highly-efficient in use and economical in manufacture.

Among the several objects of the invention is to provide a water ski having associated therewith mechanism facilitating manual propelling and prevent back lash of the legs and ski during propellation.

Other objects will appear hereinafter.

The invention consists in the novel combination and arrangement of parts to be hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings, showing the preferred form of construction and in which:

Fig. 1 is a typical side elevational view of the invention;

Fig. 2 is a bottom plan view of the same;

Fig. 3 is a front end view of the same; and

Fig. 4 is a fragmentary sectional detail view taken substantially on line 4-4 of Fig. 3.

In the drawing 10 indicates a body float formed of buoyant material which will partially submerge when in water. The body has formed therein a foot hole 11 into which the foot of the operator is adapted to be placed. The bottom 12 of the body has formed therein a longitudinal recess or groove 13 and arranged in this groove in spaced relation with respect to each other are blades 14. These blades 14 each provide a head 15, pivotally supported by a pin 16 carried by the body 10. The head has an extended portion 17 at the forward side of the blade which engages the bottom to prevent forward pivotal movement of the blade.

In use the foot is arranged in the foot hole 11 and when backward pressure is manually imparted to the foot, as in a pushing

action, the blades will function to prevent backward movement of the body 10 but will permit the body 10 to move forwardly with the foot thereby allowing the user or operator to move over the water.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification, without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claim.

Having thus described my invention what I claim as new and desire to protect by Letters Patent is:

A water ski comprising a body member providing a float and having a pointed front end portion and including a portion extending from the bottom thereof so as to terminate in said pointed end, the rear portion of said body being rounded, said body having a recess extending longitudinally thereof on the lower side from said portion extending to said pointed end and terminating in said rounded portion at the rear of said body, pin members carried in said body extending transversely of said recess, paddle members pivotally mounted on said pin members including projecting portions adapted to engage the inner wall of said recess to limit the movement of said paddle members about said pin members whereby to hold said paddle members in a substantially vertical position, said paddle members including rounded portions opposite said projecting portions adapted to permit said paddle members to be pivoted about said pin members in a direction opposite to that limited by said projecting portions.

In testimony whereof I affix my signature.

ARNOLD H. ECHOLA.