

Feb. 24, 1925.

C. DORNIER

1,527,673

LANDING GEAR FOR FLYING BOATS

Filed May 10, 1924

Fig. 1.

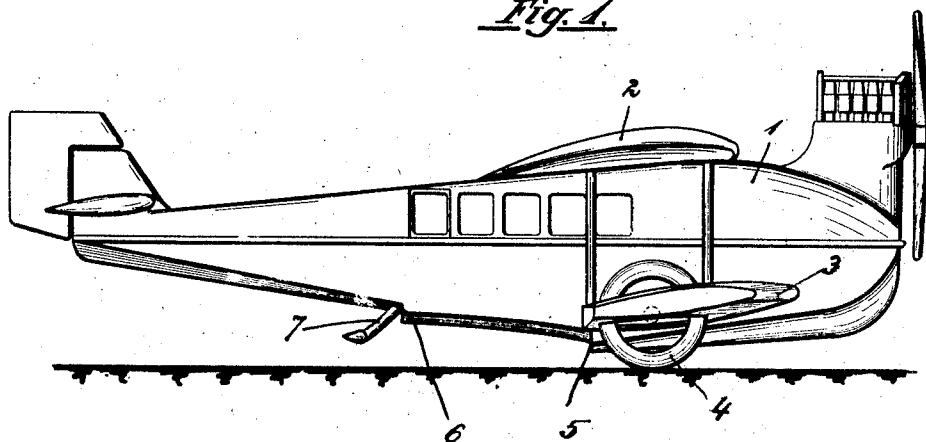
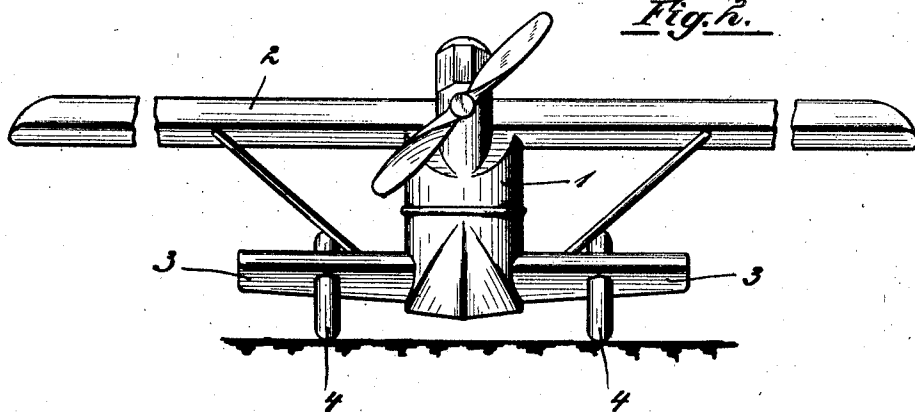


Fig. 2.



Inventor:

Claudio Dornier

by *Dornier*
Atty

UNITED STATES PATENT OFFICE.

CLAUDIUS DORNIER, OF FRIEDRICHSHAFEN-ON-THE-BODENSEE, GERMANY.

LANDING GEAR FOR FLYING BOATS.

Application filed May 10, 1924. Serial No. 712,369.

To all whom it may concern:

Be it known that I, CLAUDIUS DORNIER, a citizen of Germany, residing at Friedrichshafen-on-the-Bodensee, Germany, have invented certain new and useful Improvements in Landing Gears for Flying Boats, of which the following is a specification.

My invention refers to flying machines and more especially to a flying boat comprising a boat's hull having a stepped bottom. It is an object of my invention to provide a flying boat of this kind with starting and landing means whereby it is enabled to start from and land on water or solid ground, snow and ice, as required.

To this end the boat's hull is provided with strong laterally extending fins near the bottom, starting and landing means such as wheels being mounted in cavities provided in these fins and a spike or the like being provided at or near a bottom step.

By these means the provision of a separate starting and landing carriage is avoided, whereby starting and landing on solid ground is rendered easily possible, without increasing the weight of the craft. The fins are strong enough to take up all shocks arising on landing and, at the same time, serve for insuring a good lateral stability of the craft when resting on the surface of the water. The wheels are preferably mounted in the fins in an easily disengageable manner.

In the drawings affixed to this specification and forming part thereof, a flying boat embodying my invention is illustrated by way of example,

Fig. 1 being a side elevation and

Fig. 2 a front elevation.

Referring to the drawings, 1 is the boat's hull, 2 is a wing extending across said hull and 3, 3 are fins or stump wings extending laterally of the hull's bottom and being provided with cavities, wherein starting wheels 4 are mounted. The hull's bottom is provided with two steps 5 and 6. Near the latter step a spike 7 is mounted below the bottom and in the middle line of the hull.

I wish it to be understood that I do not desire to be limited to the exact details of construction shown and described, for obvious modifications will occur to a person skilled in the art.

I claim:—

1. A flying boat comprising a boat's hull, a wing mounted on said hull, strong fins or stump wings extending laterally of and near the bottom of said hull, a stepped bottom on said hull and a spike near a step of said bottom.

2. A flying boat comprising a boat's hull, a wing mounted on said hull, strong fins or stump wings extending laterally of and near the bottom of said hull, a stepped bottom on said hull, a spike near a step of said bottom and a wheel mounted in and projecting through a cavity provided in each fin.

In testimony whereof I affix my signature.

CLAUDIUS DORNIER.

Witnesses:

CARLOS NEUMIER,
LUIGI SCHUPPCASSE.