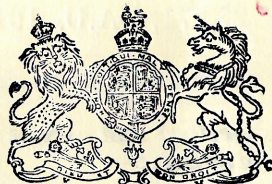


N^o 27,771



A.D. 1911

Date of Application, 11th Dec., 1911

Complete Specification Left, 11th June, 1912—Accepted, 24th Oct., 1912

PROVISIONAL SPECIFICATION.

**Improved Means applicable for use in Enabling an Aeroplane
to Travel Upon Water.**

I, EDWARD WILLIAM WAKEFIELD, of Stricklandgate House, Kendal, in the County of Westmoreland, Honorary Captain in the British Army, do hereby declare the nature of this invention to be as follows:—

This invention has for its object to provide an aeroplane with means for
5 enabling it to alight, float and travel along the surface of water and to rise again therefrom.

In carrying out my invention I employ a float which is rectangular in cross section and approximately triangular in longitudinal section, the narrower portion being towards the forward end and the bottom of the float constituting a
10 hydroplane. This hydroplane is formed at its after end with steps, preferably three in number and which may be of equal or of gradually diminishing depth from the front to the rear and which may have their lower edges in the same straight line.

The float or hydroplane is secured to an underframe by means of which it is
15 attached to the aeroplane from front to rear of the latter; the deeper portion of the hydroplane being at the rear end thus providing greater buoyancy at that end.

To balance the aeroplane when alighting on the water, I provide at each end
20 of the lower planes and on the underside thereof a light platform which is attached by means of rigid rods to the plane. Each platform is inclined upwards towards its front end and supports an inflated cylinder composed of suitable material.

With the above described means an aeroplane may be readily adapted to
25 travel on water; the balancing devices securing lateral stability while the improved construction of hydroplane not only enables the machine to be driven along the surface of water but readily to rise therefrom and descend thereon as desired.

Dated this 11th day of December, 1911.

EDWARDS AND Co.,
Chartered Patent Agents,
Chancery Lane Station Chambers, London,
Agents for the Applicant.

COMPLETE SPECIFICATION.

**Improved Means applicable for use in Enabling an Aeroplane
to Travel Upon Water.**

I, EDWARD WILLIAM WAKEFIELD, of Stricklandgate House, Kendal, in the County of Westmoreland, Honorary Captain in the British Army, do hereby declare the nature of this invention and in what manner the same is to be

[Price 8d.]