

AMENDED SPECIFICATION.

Reprinted as amended in accordance with the decision of the Chief Examiner dated the 18th day of March, 1913.

N^o 27,771



A.D. 1911

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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:—

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

10 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 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.

15 The float or hydroplane is secured to an underframe by means of which it is 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.

20 To balance the aeroplane when alighting on the water, I provide at each end 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.

25 With the above described means an aeroplane may be readily adapted to 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.