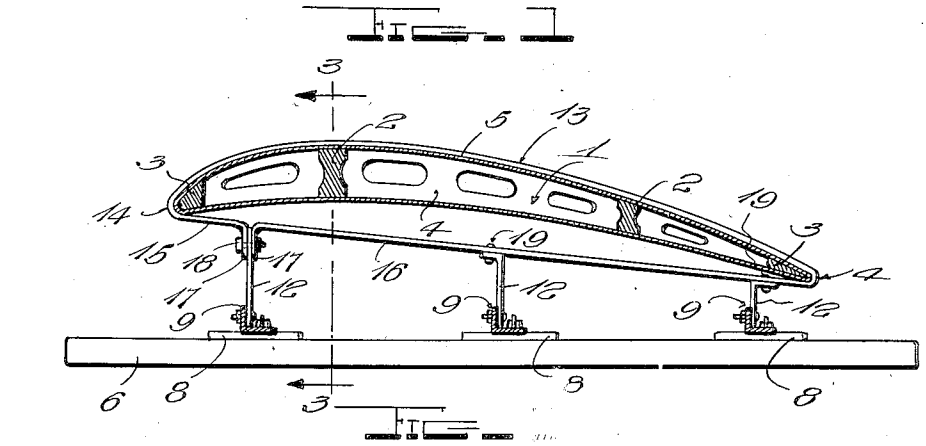
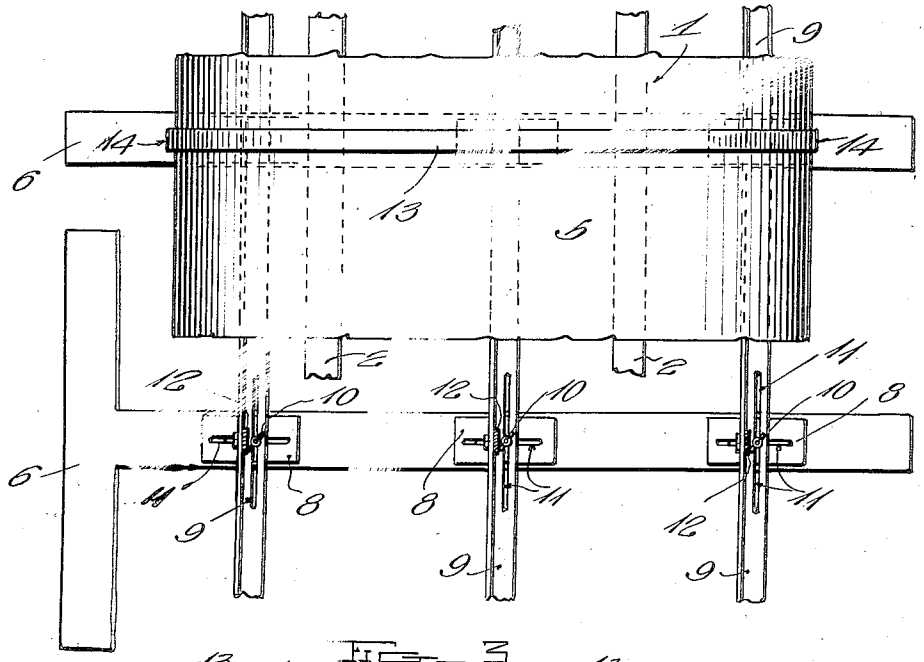
Aug. 26, 1924. 1,506,638

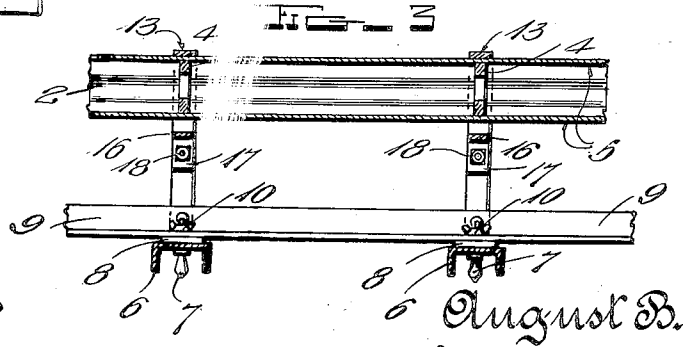
A. B. HOOK

ADVERTISING SIGN

Filed March 11, 1924







Witness

Inventor

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Attorneys

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UNITED STATES PATENT OFFICE.

AUGUST B. HOOK, OF NEW YORK, N. Y., ASSIGNOR TO NIGHT AERO ADVERTISING CORPORATION, OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

ADVERTISING SIGN.

Application filed March 11, 1924. Serial No. 698,550.

To all whom it may concern:

Be it known that I, AUGUST B. HOOK, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Advertising Signs; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in advertising signs of the type including letters adapted to be supported under a supporting plane of an aircraft, and the principal object is to provide a novel form of supporting means for the letters which will not necessitate that any openings be formed in any parts of the plane structure, the sign-supporting means being also of a nature to permit it to be readily detached when desired.

With the foregoing in view, the invention resides in the novel subject matter hereinafter described and claimed, the description being supplemented by the accompanying drawing.

Figure 1 is a transverse sectional view of a supporting plane showing the application of my invention thereto.

Figure 2 is a fragmentary plan view partly broken away and in horizontal section.

Figure 3 is a vertical sectional view as indicated by line 3—3 of Fig. 1.

In the drawing above briefly described, the numeral 1 designates what may be considered as the lower supporting plane of a biplane or the sole supporting plane of a monoplane, said plane having the usual frame structure which includes main spars 2, front and rear tip-rails 3, and ribs 4 transverse to said spars and rails. Secured around the frame structure is the usual fabric or thin metal covering 5.

The numerals 6 designate a plurality of thin metal sign letters which may well be of inverted channel form and provided with illuminating bulbs 7. These letters are shown reinforced upon their upper sides by plates 8, which plates contact with a plurality of parallel bars 9 which are disposed below the plane 1 and may well extend from the right hand end of this plane to the opposite end. The letters 6 are by preference secured adjustably to the bars 9, by appropriate bolts 10 passing through slots 11. Vertical hangers 12 are provided for the bars 9 and for connecting these hangers with the plane 1, I provide a plurality of parallel straps which are preferably formed of thin metal, such as aluminum. These straps extend across the upper side of the plane covering, from front to rear, and are preferably disposed immediately over certain of the ribs 4. In most instances, the straps 14 are bent downwardly and inwardly around the front and rear edges of the plane and have their end portions 15 and 16 extended toward each other under the plane to carry the hangers 12. In the present showing, the extremities of the strap end portions 15 and 16 are bent vertically downward to provide ears 17 which may well straddle certain of the hangers 12, bolts 18 being passed through these hangers and through the ears, to secure said hangers in place.

It will be seen from the above, that a simple construction has been provided for rigidly supporting an advertising sign under a supporting plane of an aircraft, and that this construction permits the sign-supporting means to be quickly and easily detached from the plane when its use is not needed.

As excellent results may be obtained from the details disclosed, they may well be followed, but within the scope of the invention as claimed, numerous changes may be made.

I claim:

1. The combination with an aircraft having a supporting plane, and a sign under said plane; of supporting means for said sign including straps having reaches extending entirely across the upper side of said plane from front to back and lower reaches extending under said plane from front to back, and a plurality of hangers secured to each of said lower reaches of said straps.

2. The combination with an aircraft having a supporting plane; of spaced straps extending across the upper side of said plane from front to back, said straps having their end portions extended inwardly toward each other under the plane and provided with vertical ears at their extremities, sign-carrying hangers contacting with said ears, bolts passing through said ears and hangers to secure them together and to contract said

straps around the plane, and additional hangers secured to certain of said inwardly extended end portions of said straps.

3. An attachment for an aircraft comprising a sign for horizontal disposition under a supporting plane, and supporting means for said sign including straps having upper reaches for passage across the upper side of the plane from front to back and lower reaches for passage under the plane, and a plurality of hangers secured to each of said lower reaches.

4. An attachment for an aircraft comprising a plurality of straps to extend across the upper side of a supporting plane from front to back, said straps having end portions extending inwardly toward each other for disposition under the plane and provided at their extremities with vertical ears, sign hangers contacting with said ears, bolts passing through said ears and hangers to support the latter and to contract said straps around the plane, and additional sign hangers secured to certain of said inwardly extended end portions of said straps.

In testimony whereof I have hereunto affixed my signature.

AUGUST B. HOOK.