G. F. BLUME.

MOTOR SUPPORT.

APPLICATION FILED DEC. 30, 1920.

1,373,708. Patented Apr. 5, 1921.

Fig. 1.

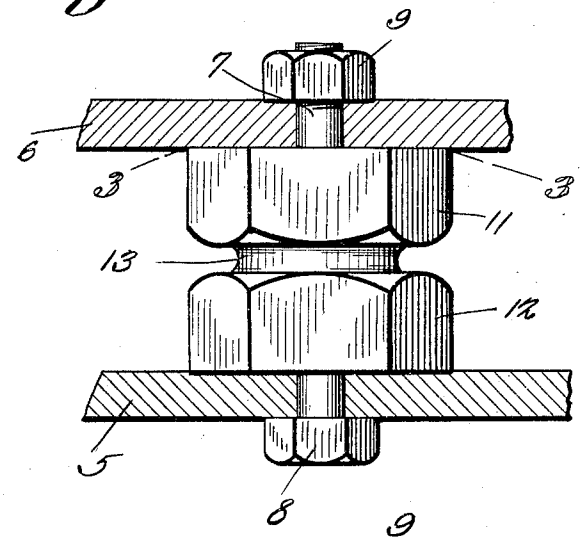
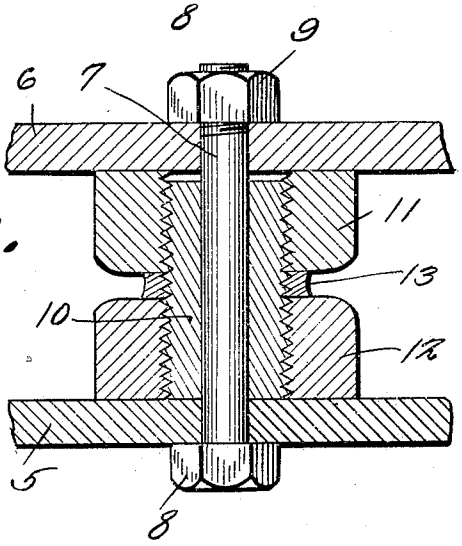


Fig. 2.



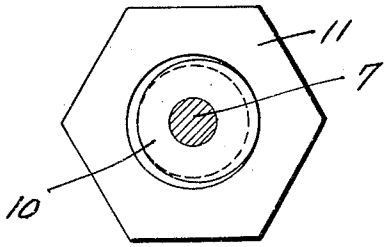


Fig. 3.

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GEORGE FRED BLUME, OF PHILADELPHIA, PENNSYLVANIA.

MOTOR-SUPPORT.

1,373,708. Specification of Letters Patent. Patented Apr. 5, 1921.

Application filed December 30, 1920. Serial No. 434,137.

To all whom it may concern:

Be it known that I, GEORGE FRED BLUME, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Motor-Support, of which the following is a specification.

This invention relates to engine or motor supports, the primary object of the invention being to provide novel means whereby the support may be adjusted to its proper supporting position, while the motor or engine is secured thereto.

A further object of the invention is to provide a novel means for securing the support, in its adjusted position, to eliminate any possibility of the support moving to throw the engine or motor supported thereby, out of alinement.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawing:—

Figure 1 illustrates a side elevational view of the securing means, the motor support or base being shown in section.

Fig. 2 illustrates a vertical sectional view through the device; and

Fig. 3 illustrates a sectional view taken on line 3—3 of Fig. 1.

Referring to the drawing in detail, the reference character 5 designates a floor, table or other supporting base, and the reference character 6 designates the motor base, or support to which the motor base is secured. A suitable opening is formed in the foundation 5, which opening is in registry with an opening formed in the motor base 6, which openings accommodate the connecting bolt 7 which is provided with a head 8 on one end thereof and a nut 9 on its opposite end, the nut 9 operating on the threaded portion of the bolt to secure the members 5 and 6 together.

A sleeve 10 is positioned on the bolt 7, the sleeve being of a length less than the distance between the members 5 and 6 to permit the members 5 and 6 to be moved with respect thereto, the periphery of the sleeve 10 being however threaded to accommodate the adjusting nuts 11 and 12 respectively.

The lower adjusting nut 12 is provided with a relatively straight surface abutting the upper surface of the member 5, while the upper edge of the adjusting nut 11, abuts the undersurface of the motor base 6, so that movement of the adjusting nut 11 will move the base 6 with respect to the member 5.

In the present showing, the adjusting nut 11 has been moved to properly adjust the motor base 6 whereupon a locking element 13 is positioned between the nuts 11 and 12 to lock the nuts against movement. This locking element 13 is formed by welding metal between the adjusting nuts 11 and 12, the welded metal adhering to the nuts 11 and 12 and to the threads of the sleeve 10 to securely lock the nuts and sleeve together.

From the foregoing it is obvious that by the construction shown, a motor may be secured to its foundation and adjusted to aline the same with other machines, the motor being afterward locked in such position.

Having thus described the invention, what is claimed as new is:—

1. In an adjustable motor support, a pair of spaced members having openings, a bolt passing through the openings, a threaded sleeve disposed on the bolt, adjusting nuts operating on the threaded sleeve and adapted to move the spaced members with respect to each other, and means for locking the nuts against movement.

2. In an adjustable motor support, a pair of spaced members having openings, a bolt passing through the openings for connecting the spaced members, means disposed on the bolt and carrying adjusting nuts for moving the members with respect to each other, and means positioned between the nuts for securing the nuts against movement.

3. In an adjustable motor support, a pair of spaced members, means for securing the spaced members in spaced relation, said means including a threaded sleeve and adjusting nuts operating on the sleeve, and means welded between the nuts for securing the nuts against movement.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

GEORGE FRED BLUME.

Witnesses:

L. A. WIRT,

W. J. EVANS.