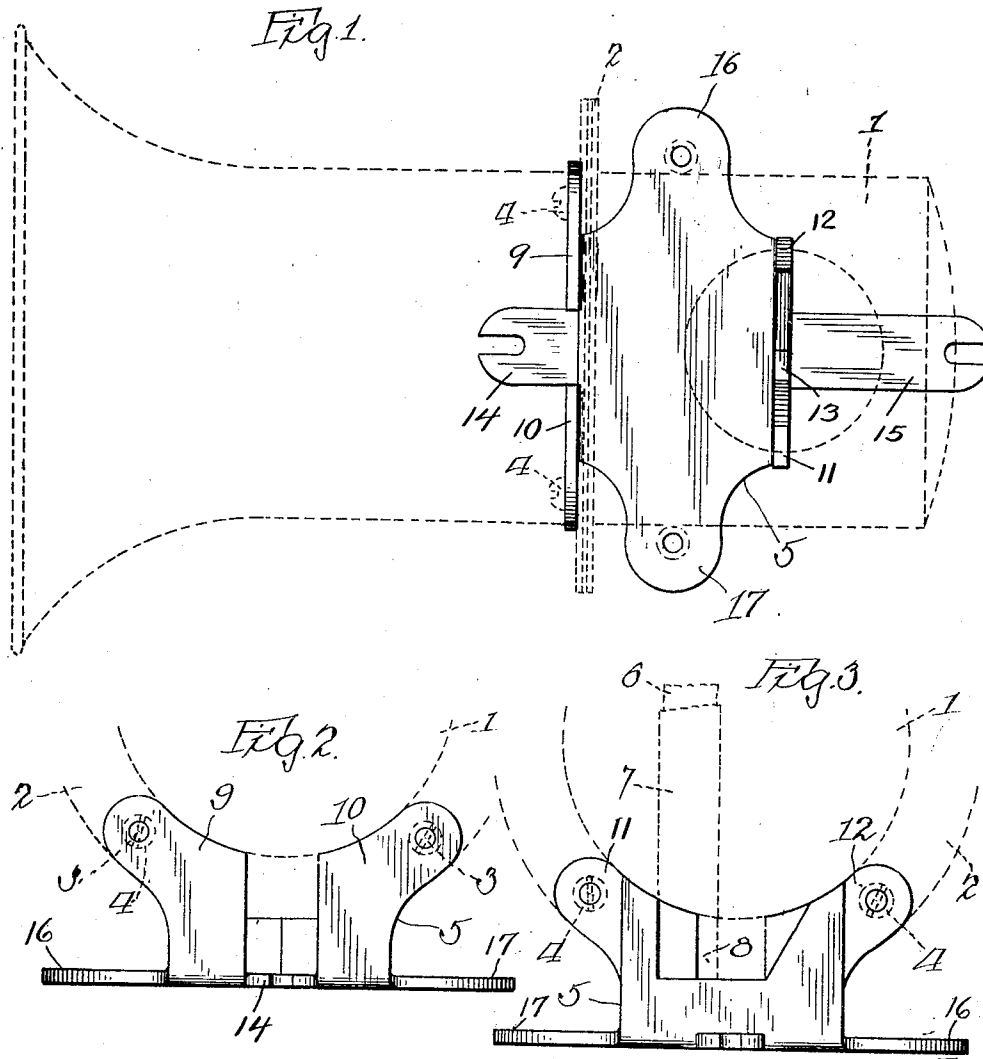


G. J. SEISS.
SUPPORT FOR MECHANICALLY ACTUATED HORNS.
APPLICATION FILED MAR. 11, 1918.

1,322,831.

Patented Nov. 25, 1919.



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SUPPORT FOR MECHANICALLY-ACTUATED HORNS.

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Specification of Letters Patent. Patented Nov. 25, 1919.

Application filed March 11, 1918. Serial No. 221,605.

To all whom it may concern:

Be it known that I, GEORGE J. SEISS, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have invented a certain new and useful Improvement in Supports for Mechanically-Actuated Horns, of which the following is a specification.

My invention relates to that class of horns whereby the vibration of a diaphragm provides the alarm, and has for its object to greatly simplify the construction of the support, and to provide a support which can be mounted upon the truck or automobile without disassembling it.

The only device of this kind with which I am familiar is a support which is formed in two parts and pivotally connected, providing an expensive form of construction, whereas it will be apparent from the hereinafter contained description, my device is formed of a single piece, and is extremely simple and inexpensive to manufacture.

The invention consists of the device as shown in the drawings, described in the specification, and more specifically pointed out in the claims.

My means of accomplishing the foregoing objects may be more readily understood by having reference to the accompanying drawings, which are hereunto annexed and are a part of this specification, in which:

Figure 1 is a top or plan view of my improved support, the horn carried by it being shown in dotted lines.

Fig. 2 is a side elevation of the same.

Fig. 3 is a rear elevation of my improved support.

Similar reference numerals refer to similar parts throughout the entire description.

As shown in the drawings, the device carried by my new and improved support consists of a cylindrical body 1, which is provided with a suitable diaphragm, which usually closes one end of the cylindrical body, the body portion being provided with a circumferential flange 2, provided with to attach the cylindrical body to the support perforations 3, for the insertion of screws 4, 5. As shown in the drawings, the horn is a mechanically actuated one, and is provided with an actuator 6, mounted in a guide 7, the end 8 of which projects downwardly through the cylindrical body 1.

As clearly shown in the drawings, the support 5, is provided with two upwardly extending lugs 9 and 10, the ends of which are curved to coincide with the curve of the cylindrical body 1, perforations being provided in these lugs 9 and 10, which are fitted to and coincide with the perforations formed in the circumferential flange 2 on the body portion 1. At the rear of the support 5, are two other upwardly extending lugs 11 and 12, which are adapted to engage the cylindrical wall of the body portion and assist in holding it against sidewise movement. The lug 11, is provided with a shoulder 13, which serves as a brace for the end 8, of the guide 7, and also serves as a stop to prevent the actuator 6 being depressed more than is desired.

At each end of the support 5, I provide outwardly extending lugs 14 and 15, which are provided with notches, as clearly shown in the plan view. Laterally extended lugs 16 and 17, are also provided and have perforations formed therein for the insertion of screws, inasmuch as it frequently happens that the place where the horn is to be mounted will not admit of the use of screws on the notches formed in the lugs 14 and 15, under which circumstances, the additional lugs 16 and 17 may be employed for fastening the support in the desired position.

My manner of mounting a horn, equipped with my improved device, is as follows:

The location having been determined upon, the horn is placed in position, and the location of the notch in the lug 14, is indicated. The screw, which is to hold it in position, is then driven into the wood until the head is at the right height to engage the upper surface of the lug 15, when it is slid intermediate the head and the wall upon which the support is to rest. When in this position, it will be apparent from an inspection of the drawings that the opposite lug 14, is clear of the cylindrical body portion, so that the screw can be driven without the necessity of detaching the support from the horn.

It will also be apparent from the foregoing, that inasmuch as my support is formed a single piece of metal, there are no bolts to become disengaged and consequently the horn is held rigidly in position.

Having described my invention, what I

regard as new and desire to secure by Letters Patent of the United States, is:

1. A horn support formed from a single piece of metal, having upturned ends, one of which is provided with perforations adapted to engage perforations in the body to be supported, the other being adapted to engage the exterior walls of the cylindrical body to be supported, a shoulder formed on one of the ends constituting a brace, a plurality of lateral projections provided with V-shaped notches, one of said notched projections extending beyond the end of the body to be supported, and a guide resting on said brace.
2. A horn support formed from a single piece of metal, having upturned ends, one of

which is provided with perforations adapted to engage perforations in the body to be supported, the other being adapted to engage the exterior walls of the cylindrical body to be supported, a shoulder formed on one of said ends, which serves as a brace and stop for the horn actuating device, a plurality of lateral projections on said support and longitudinal projections on said support and longitudinal projections provided with V-shaped notches, one of said notched projections extending beyond the end of the body to be supported.

In testimony whereof, I have signed the foregoing specification.

GEORGE J. SEISS.