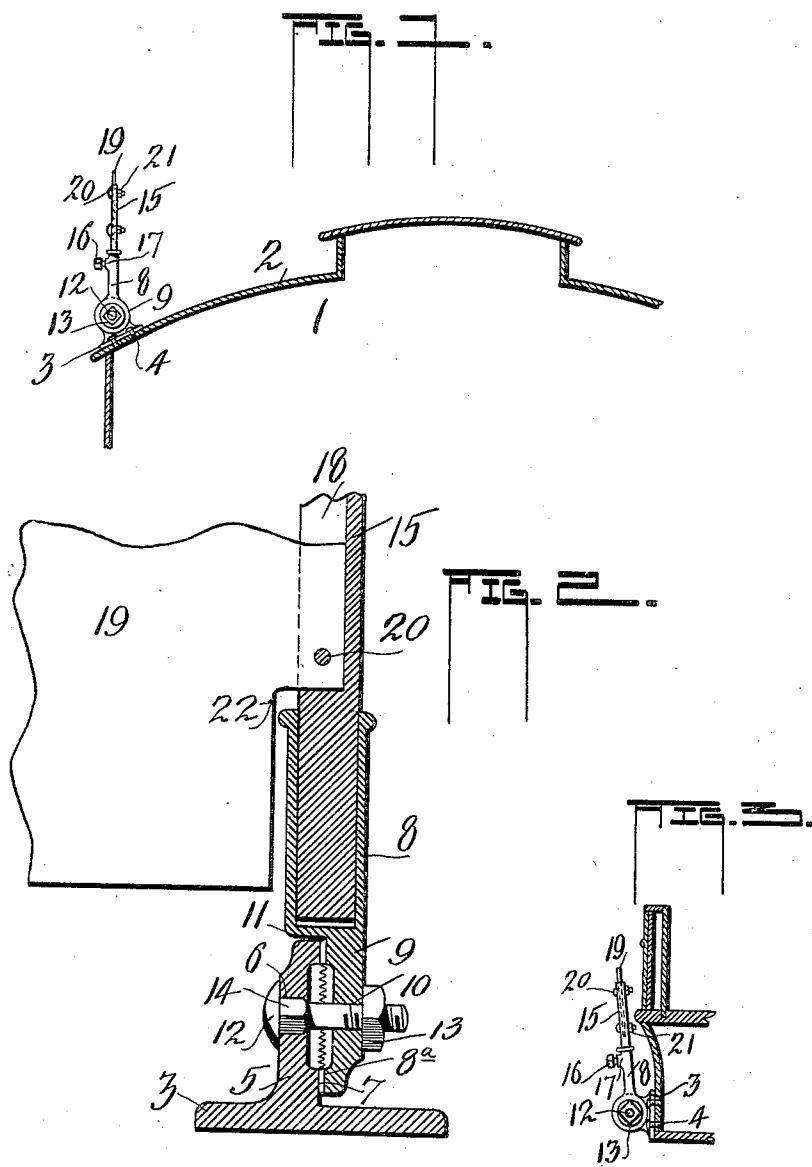


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PATENTED DEC. 18, 1906.

M. D. BATCHELDER.
CAR SIGN SUPPORT.
APPLICATION FILED DEC. 4, 1905.



Witnesses:
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UNITED STATES PATENT OFFICE.

MARK D. BATCHELDER, OF PEORIA, ILLINOIS.

CAR-SIGN SUPPORT.

No. 838,937.

Specification of Letters Patent.

Patented Dec. 18, 1906.

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To all whom it may concern:

Be it known that I, MARK D. BATCHELDER, a citizen of the United States, residing at Peoria, in the county of Peoria and State of Illinois, have invented certain new and useful Improvements in Car-Sign Supports; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

This invention has reference to certain new and useful improvements in sockets or supports, particularly to that type of socket attached to the roofs of street-cars with which may be connected standards supporting advertising-signs.

The object which I have in view is a socket or support for the standards of advertising-signs which are applicable to roofs of different types of street-cars. In this class of advertising-signs the sign is intended to be carried in a vertical position on the roof of a car, and where the socket is not adjustable it is found that upon attaching the sockets and signs to different types of cars where the roofs are inclined or curved differently the sign on one car might be in a vertical position, while when attached to other and different cars the sign will be inclined in different directions, and it is to provide for attaching signs to the roofs of different street-cars that I have produced a socket which may be interchangeable from the roof of one car to another, so that no matter upon what car the socket and sign may be placed the sign may be adjusted to assume a vertical position. In this manner I obviate the necessity of making different sockets or supports for the signs to be attached to roofs of different street-cars.

The invention consists of a base-piece provided with an upwardly-extended perforated ear on one of the faces of which is arranged a series of serrations or radial notches or grooves, an elongated tubular socket having a flared or disk-shaped and perforated lower portion which is provided on one of its faces with a series of serrations or radial notches or grooves corresponding to those on the base-piece, with which they are adapted to coincide when it is desired to securely fasten the parts together. A bolt and nut are em-

ployed for locking the parts together, the said bolt forming a pivot for the tubular socket and the flared portion, which have an adjustable connection by means of the bolt and nut with the said base-piece. A split rod, which has a telescopic connection with the tubular socket, is adapted to be held in the socket by means of a suitable bolt, and connecting with the split portion of the said rod is a plate upon which is adapted to be arranged suitable advertising matter.

That the invention may be more fully understood reference is had to the accompanying drawings, in which—

Figure 1 shows in outline a partial transverse section of the roof of a car and in elevation my improved socket-support and advertising-sign attached thereto. Fig. 2 is an enlarged vertical section through the socket and base-piece, also showing in cross-section the lower portion of the split rod telescoped into the tubular socket and the plate upon which it is intended to place the advertising matter secured in the split portion of the rod. Fig. 3 shows in outline a partial vertical section on the side of a car-body and in elevation my improved socket-support and advertising-sign attached thereto.

Like numerals of reference indicate corresponding parts throughout the figures.

In the drawings, 1 denotes a car, and 2 the sloping or curved roof thereof.

3 denotes a base-piece, which may be secured by the bolts 4 to the roof 2 of the car 1, and the same is provided with the ear 5, having the square opening 6 central thereof. On one side of the ear the same is provided with a series of serrations or radial notches or grooves 7, arranged in the form of a ring.

8 indicates an elongated tubular socket having the lower flared or disk-shaped portion 9 provided with the round opening 10, and on its inner face the same is provided with a series of serrations or radial notches or grooves 8^a, adapted to have a locking connection with the serrations in the face of the ear 5. The formation of the disk-shaped portion 9 on the lower end of the tubular socket 8 provides the overhanging portion 11, which overrides the peripheral edge of the ear 5 of the base-piece 3, and 12 denotes a bolt which is adapted to be passed through the openings in the ear 5 and the flared por-

tion 9 of the socket 8 for connecting the two said parts, and a nut 13 is employed, engaging the threaded end of the bolt for bringing together and locking the serrated faces of the ear 5 and flared portion 9 together. The bolt 12 has the squared portion 14 continuous to its head, which is adapted to enter the squared opening 6 in the ear 5, which prevents the rotation of the bolt and yet provides a pivot around which the socket 8 and its flared portion 9 may be oscillated or swung into adjusted positions upon the loosening of the nut 13 and the separation of the flared portion 9 of the socket from the ear 5.

Having a telescopic and adjustable connection with the tubular socket 8 is shown a split rod 15, which may be held in adjusted and fixed positions in the socket 8 by means of the bolt or screw 16 engaging a threaded boss 17 in the wall of the socket 8. The rod 15 is split for a portion of its length or provided with the longitudinal groove 18, in which one edge of a plate 19 may be inserted and retained, detachably, if preferred, by the bolts 20, held in position by means of the nuts 21. The said plate 19 is cut out at 22 and extends down alongside and parallel with the socket 8.

It is understood that the base and sockets are arranged in pairs and separated a suitable distance, governed largely by the length of the plate 19, and secured to the roof of the car, as shown in Fig. 1.

In Fig. 3 I have illustrated the application of my advertising-support to the side of a street-car, wherein the tubular socket is shown as disposed in a vertical position or substantially parallel with the body of the car and supporting the advertising-plate or its equivalent which is attached to the rod 15, connected with the tubular socket. It will be seen in this connection that by the use of a split rod, such as 15, interchangeable signs may be connected therewith, or, if desired, the complete rod and signs to which they are attached may be detached or disconnected from the tubular socket.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. In a device of the class described, in combination, a car-roof having a sloping face, a base-plate secured to said roof and having an ear provided with a serrated face, a tubular standard provided with a flared lower portion having a serrated face to match the face of the ear of the base-plate, means for pivotally connecting the tubular standard to the said base, a rod adapted to have a telescopic connection with the tubular portion of the standard aforesaid, means for securing the rod in adjusted positions in the said standard, an advertising-plate having one edge connected with the said rod, and the said plate provided with an offset portion extending down alongside and parallel with the said tubular standard.

2. In a device of the class described, in combination, a car-roof having a sloping face, a base-plate secured to said roof having an ear provided with a serrated face and a square opening central thereof, a tubular standard having a lower disk-shaped portion provided with a serrated face adapted to match and engage the serrated face of the ear aforesaid, a bolt for connecting the ear of the base-plate and disk-shaped portion of the standard, said bolt having a squared body portion engaging the squared opening in the ear of the base-plate, a nut adapted to engage a threaded portion of the bolt for locking the tubular standard in adjusted positions a rod having a telescopic connection with the said standard and having a split portion, a plate having one edge inserted in the split portion of the rod, and means for detachably connecting the plate with the said rod.

In testimony whereof I affix my signature in presence of two witnesses.

MARK D. BATCHELDER.

Witnesses:

LOUISE M. ADAMS,
CHAS. W. LA PORTE.