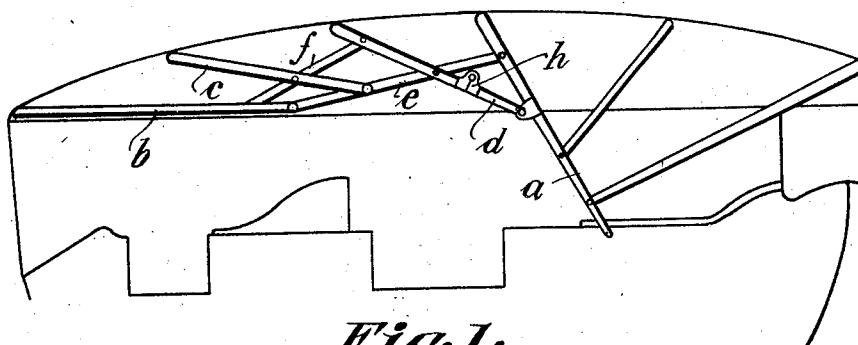


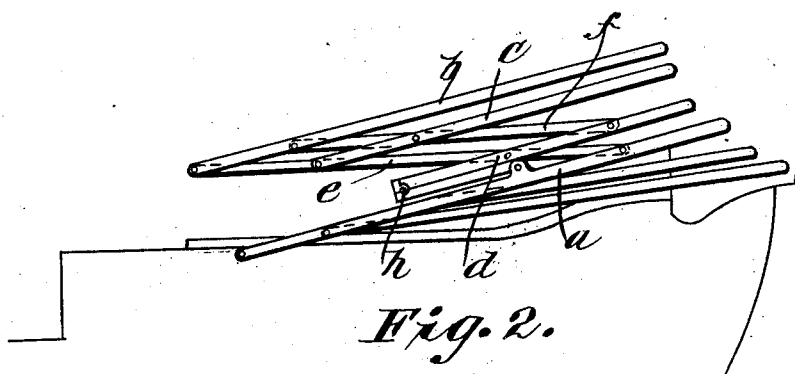
K. RITTER.  
SUPPORT FOR FOLDING ROOFS OF MOTOR CARS.  
APPLICATION FILED MAY 10, 1911.

1,053,318.

Patented Feb. 18, 1913.



*Fig. 1.*



*Fig. 2.*

Witnesses:

Albert Miller  
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# UNITED STATES PATENT OFFICE.

KARL RITTER, OF SCHWETZINGEN, GERMANY.

SUPPORT FOR FOLDING ROOFS OF MOTOR-CARS.

1,053,318.

Specification of Letters Patent.

Patented Feb. 18, 1913.

Application filed May 10, 1911. Serial No. 626,361.

*To all whom it may concern:*

Be it known that I, KARL RITTER, a subject of the German Emperor, and resident of Schwetzingen, Germany, have invented certain new and useful Improvements in Supports for Folding Roofs of Motor-Cars, of which the following is a specification.

The main requirements for folding-roofs of motor cars are, 1. that the same, when opened, do not form an impediment to the entrance of the car, 2. that the fabric of the roof be uniformly carried by its support, and not vice versa, 3. that the single carriers of the support, when closed, lie at equal distances upon each other, and 4. that the same can be quickly and easily manipulated.

The present invention provides a folding-roof, which entirely accomplishes said four requirements.

To make my invention more clear and that it may be fully understood reference is had to the accompanying drawings in which—

Figure 1 is a side view of a support according to my invention in its open position, and Fig. 2 shows this support in its closed position and in an enlarged scale.

The main supporting rod *a* of the front part of the folding-roof lies behind the entrance to the rear seats of the motor car and assumes rather steep position, so that it does not form an impediment to such

entrance. At the upper end, said main rod carries a lazy tong arrangement of supporting rods *d, e, f, c, d* which in open position extend over the front of the car, while the lowest rod *d, e* of said arrangement, which is directly attached to said main rod, is provided with a joint, by which said arrangement can be folded upon the main rod.

I claim:—

Improved support for folding roofs, more especially for motor cars, comprising in combination with a pivoted main beam (*a*), an upwardly and forwardly directed two-sectional beam *d*, which has a fixed hinge (*h*), preventing a turning motion of the two sections over the straight form of the beam, and is articulated to the main beam, a tension rod *e*, articulated to the beams (*a*) and (*d*), a middle and front rod (*c, b*) articulated to the said tension rod, and a connecting rod (*f*) articulated to the said sectional beam and pivotally connecting the rods *b* and *c*.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

KARL RITTER.

Witnesses:

A. O. TITTMANN,  
S. H. SHANK.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."