

(No Model.)

B. TAYLOR.

JOINTED BRACE FOR CARRIAGE TOPS.

No. 281,944.

Patented July 24, 1883.

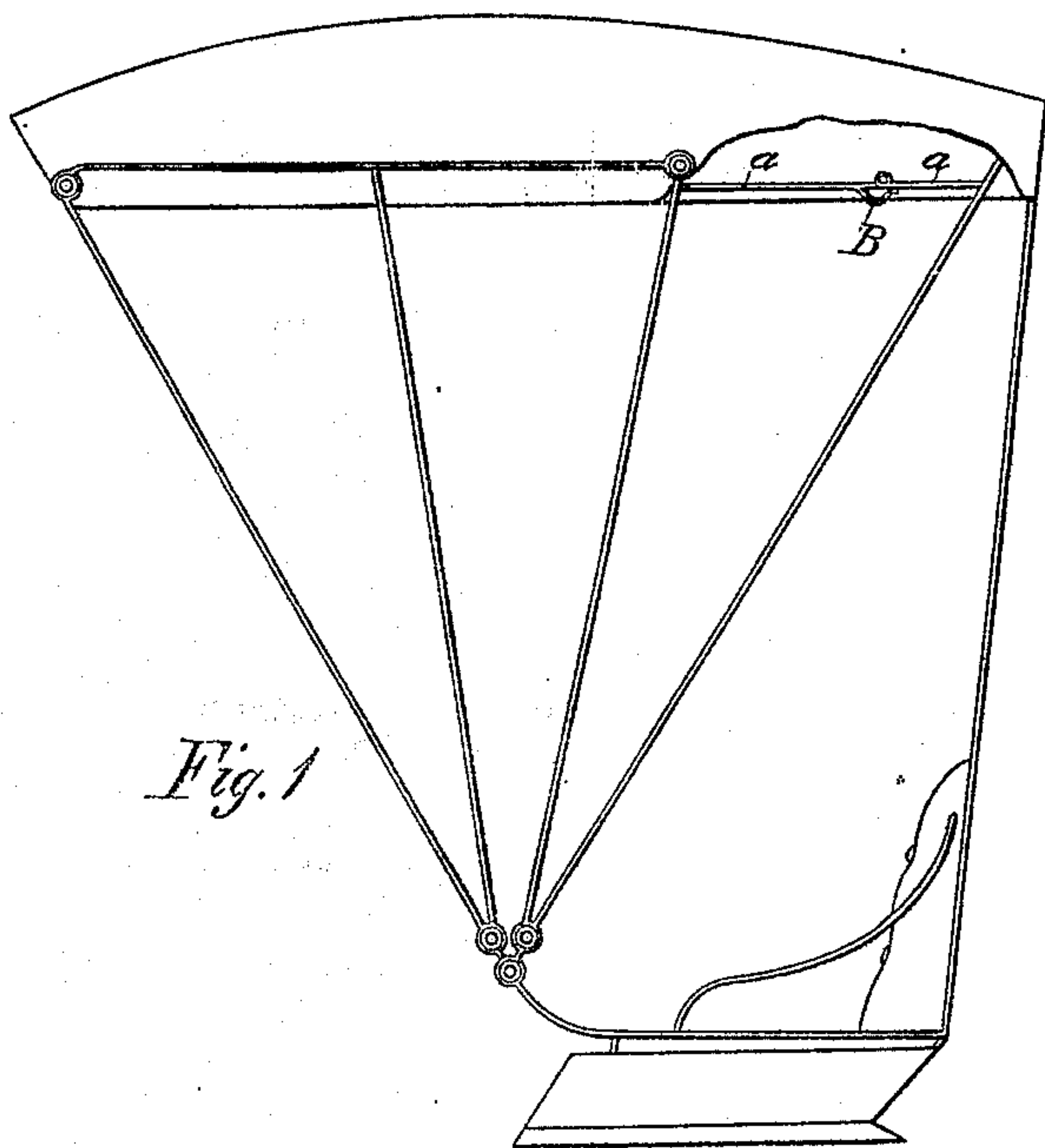


Fig. 1

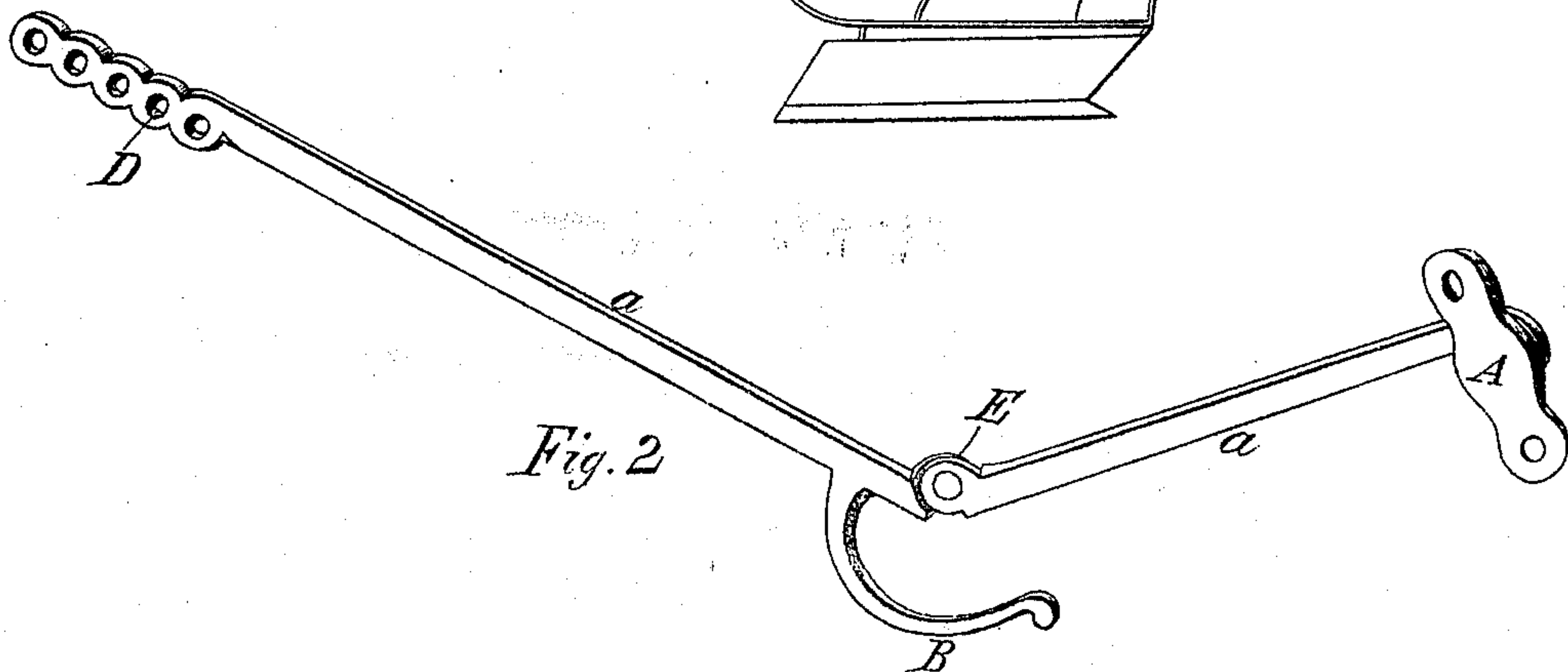


Fig. 2

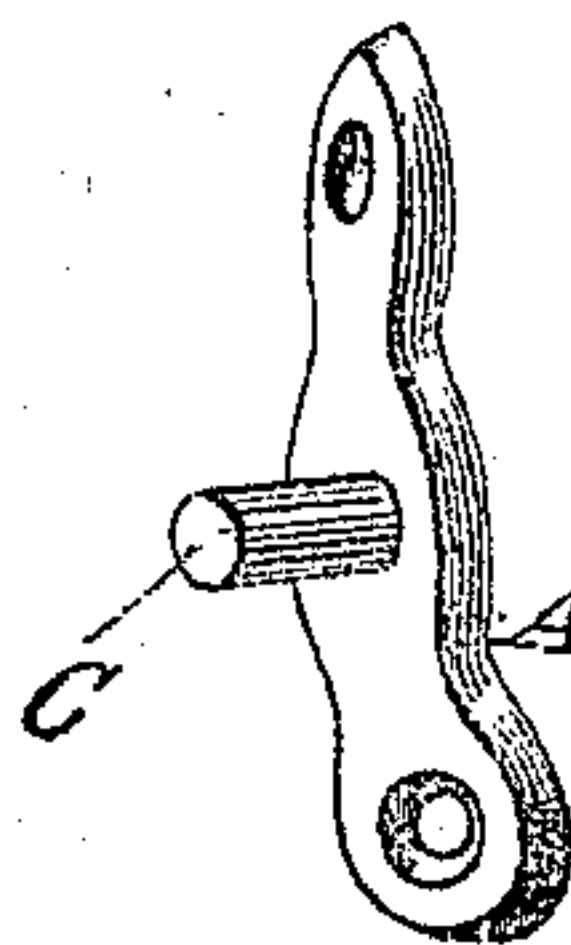


Fig. 3.

Frederic W Bond
August W Weber
Witnesses

Bruce Taylor Inventor
per Fowler & Bond Attorneys

UNITED STATES PATENT OFFICE.

BRUCE TAYLOR, OF WOOSTER, OHIO, ASSIGNOR OF ONE-HALF TO FRANK W. MILLER, OF SAME PLACE.

JOINTED BRACE FOR CARRIAGE-TOPS.

SPECIFICATION forming part of Letters Patent No. 281,944, dated July 24, 1883.

Application filed March 12, 1883. (No model.)

To all whom it may concern:

Be it known that I, BRUCE TAYLOR, a citizen of the United States, residing at Wooster, in the county of Wayne and State of Ohio, have
5 invented certain new and useful Improvements in Concealed Jointed Braces for Carriage-Tops; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings,
10 making a part of this specification, and to the letters and figures of reference marked thereon, in which—

Figure 1 is a side view, showing the position of my improved brace. Fig. 2 is a detached
15 view, showing the brace drawn partly down. Fig. 3 is a detached view of joint-head.

Letters of like name and kind refer to like parts in each of the figures.

The design of my invention is to provide a
20 brace on the inside of the bows, under the top lining and near enough to the lower edge to be operated conveniently by the hand; and its nature consists in providing a brace for the two rear bows of a carriage-top which shall
25 be cheap and well adapted for the purpose for which it is intended, and in providing a curved or bent arm which extends around the joint in the center of said brace, and in providing a number of holes at one end of the arm.

30 In the drawings, A represents a joint-head, which is placed at the end of the arms *a*. The face of said joint-head is bent or curved, as shown in Fig. 3, so as to fit the surface of carriage-bows in common use. This joint-head is
35 provided with a rivet or bolt, C, which is passed through the hole D in the arm *a*, and then riveted or bolted to said arm in such a manner as to form a hinge or joint. This joint-head is held to the bows of a carriage-
40 top by screws of suitable size. The arm *a* at one end is provided with a number of holes, which are for the purpose of forming different sizes of braces, the sizes being regulated by

placing the joint-head A in the hole desired to form the size wanted. Said holes may be 45 one-half of an inch apart, or any other desired distance, and in case any of the inner holes are used the outer ones are cut off.

The bent or curved arm B is formed on one of the arms *a*, as shown in Figs. 1 and 2, and 50 is so arranged that the loose end of said bent or curved arm will strike the arm *a* when the brace assumes a straight position, as shown in Fig 1. This bent or curved arm B may be used as a handle to operate the brace; but it is not 55 designed to be used as a handle, but to protect the hand while operating the brace, and also to prevent the brace from turning up after the shoulders of the joint E have become worn from use. This bent or curved arm B may be 60 used for like purposes at other joints of a carriage-top.

In use the brace is placed in the position shown in Fig. 1, and is for the purpose of preventing the top of a carriage from wrinkling 65 between the rear bows. It will be seen that by providing the end of one of the arms *a* with a number of holes, but one size of a brace of this kind is needed to fit the different sizes of carriage-tops. 70

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The bent or curved arm B, attached at one end to one of the arms *a*, and passing around 75 the joint or hinge E, and one of said arms having a number of holes at one end to attach the joint-head A, substantially as and for the purpose specified.

In testimony that I claim the above I have 80 hereunto subscribed my name in the presence of two witnesses.

BRUCE TAYLOR.

Witnesses:

JOHN A. MACK,
JACOB P. FAWCETT.