

R. C. DIEHL.
Shifting Tops for Buggies.

No. 140,351.

Patented July 1, 1873.

Fig. 1.

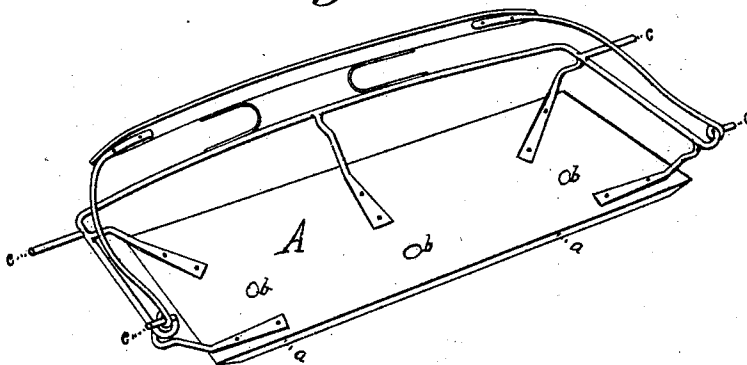
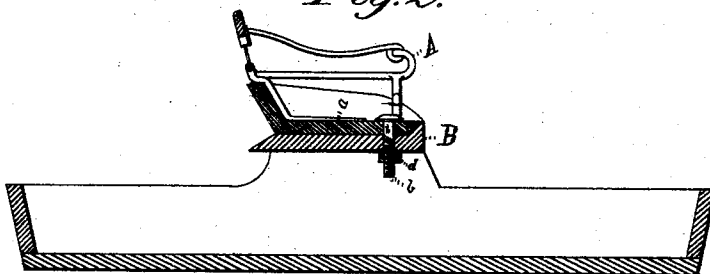


Fig. 2.



Witnesses.

Teri Koepfer
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UNITED STATES PATENT OFFICE.

ROBERT C. DIEHL, OF SCOTT TOWNSHIP, COLUMBIA COUNTY, PA.

IMPROVEMENT IN SHIFTING TOPS FOR BUGGIES.

Specification forming part of Letters Patent No. **140,351**, dated July 1, 1873; application filed May 22, 1873.

To all whom it may concern :

Be it known that I, ROBERT C. DIEHL, of Scott township, in the county of Columbia and State of Pennsylvania, have invented certain new and useful Improvements in Shifting Tops to Buggies; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification :

Figure 1 is a perspective view of the shifting or movable seat, with false bottom. Fig. 2 is a longitudinal vertical section.

My invention consists of an improved and useful device, forming a shifting or movable seat, with a false bottom, for buggies and light wagons, or other vehicles.

Letter A, in Fig. 1, represents the shifting or movable seat with false bottom *a a*, which is intended, as will be seen by the drawing, for a folding-top to be attached, the fixtures *c c c c* being secured to the false bottom *a a*, and when the vehicle is to be used with a top the false bottom is fastened to a permanent seat, B, as shown in Fig. 2, by bolts *b b b* passing through both seats, and secured by

nuts *d*; but when it is desired to have the vehicle without a top the shifting or movable seat A is easily removed by withdrawing the bolts *b b b*.

By means of my invention a movable top can be applied to any open vehicle and removed with facility, while, when the top is off, the irons or fixtures *c c c c* necessary to secure and operate a folding-top are entirely removed, and not in the way, which is not the case, as usually constructed, where simply a folding-top to common buggies is temporarily removed.

I claim as new and desire to secure by Letters Patent—

The movable or shifting seat A, having false bottom *a a*, bolts *b b b*, or equivalents, in combination with permanent seat B, the whole constructed to operate substantially as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 15th day of May, 1873.

ROBERT C. DIEHL.

Witnesses:

SAMUEL KNORR,
J. M. KESTER.