

(No Model.)

2 Sheets—Sheet 1.

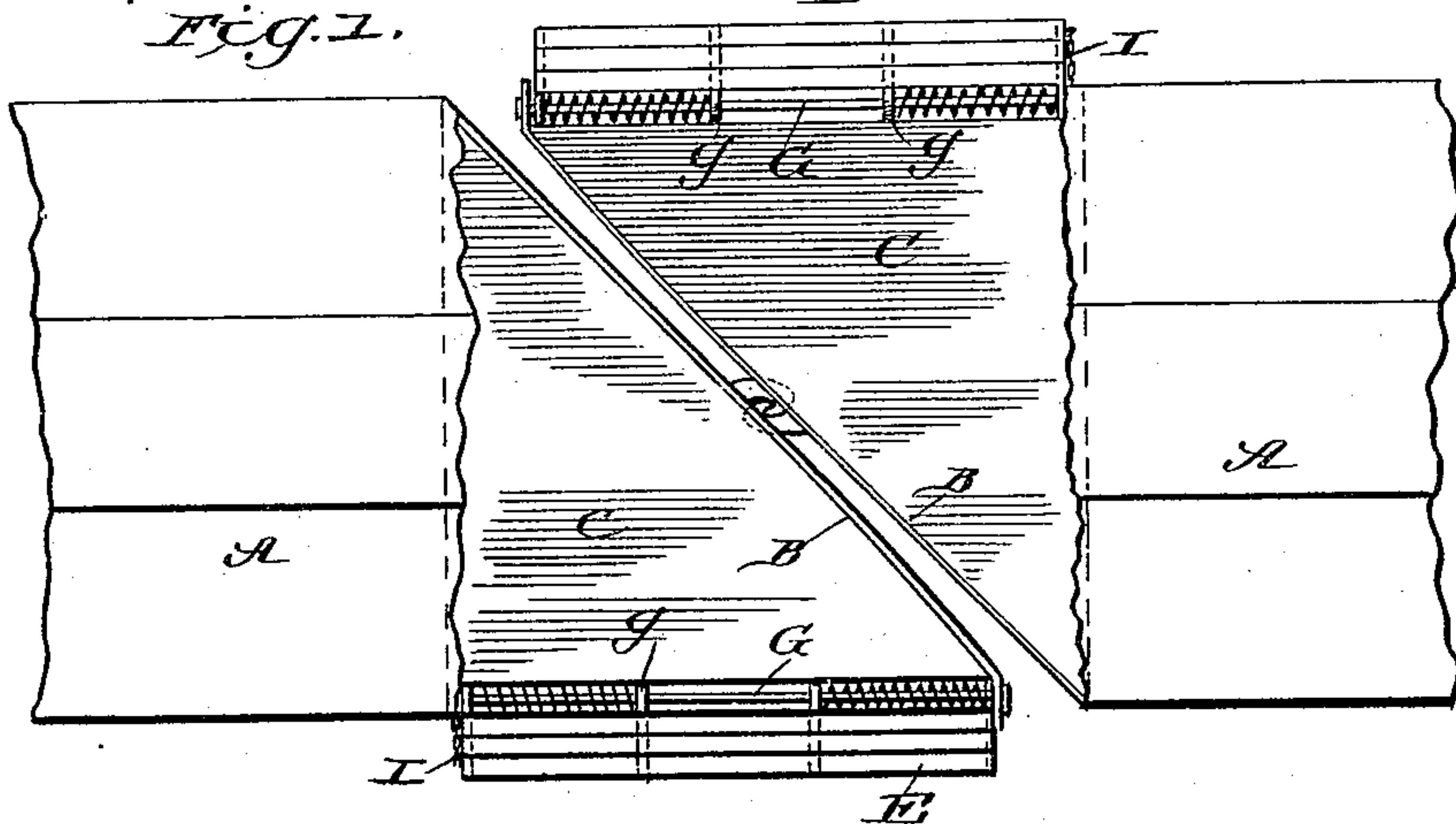
W. L. COVEL.

RAILWAY CAR.

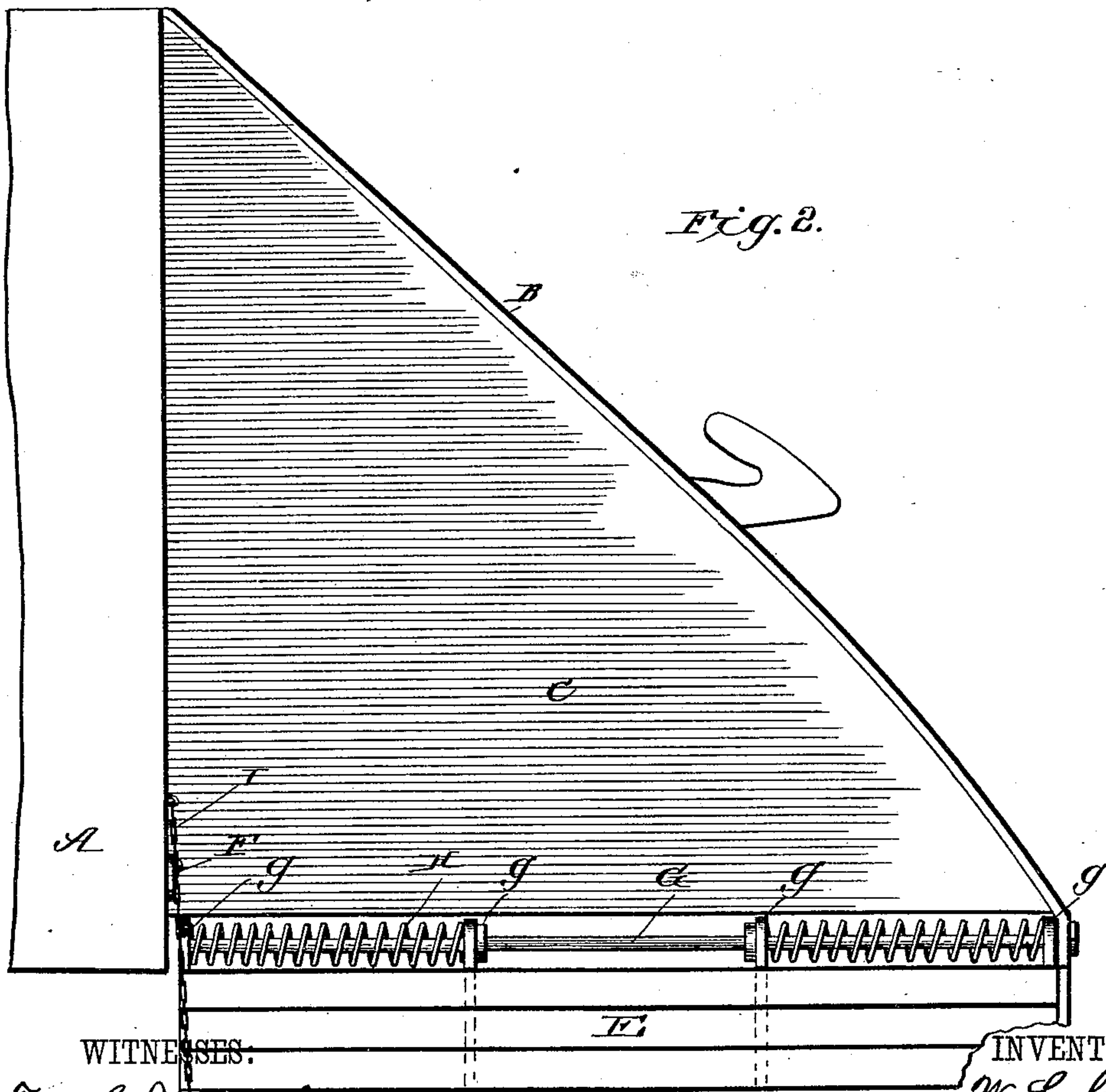
No. 398,029.

Patented Feb. 19, 1889.

*Fig. 1.*



*Fig. 2.*



WITNESSES:

*Fred G. Dietrich*  
*P. B. Furman,*

INVENTOR:

*W. L. Covell*  
BY *Wm. H. [Signature]*  
ATTORNEYS.

(No Model.)

2 Sheets—Sheet 2.

W. L. COVEL.  
RAILWAY CAR.

No. 398,029.

Patented Feb. 19, 1889.

Fig. 3.

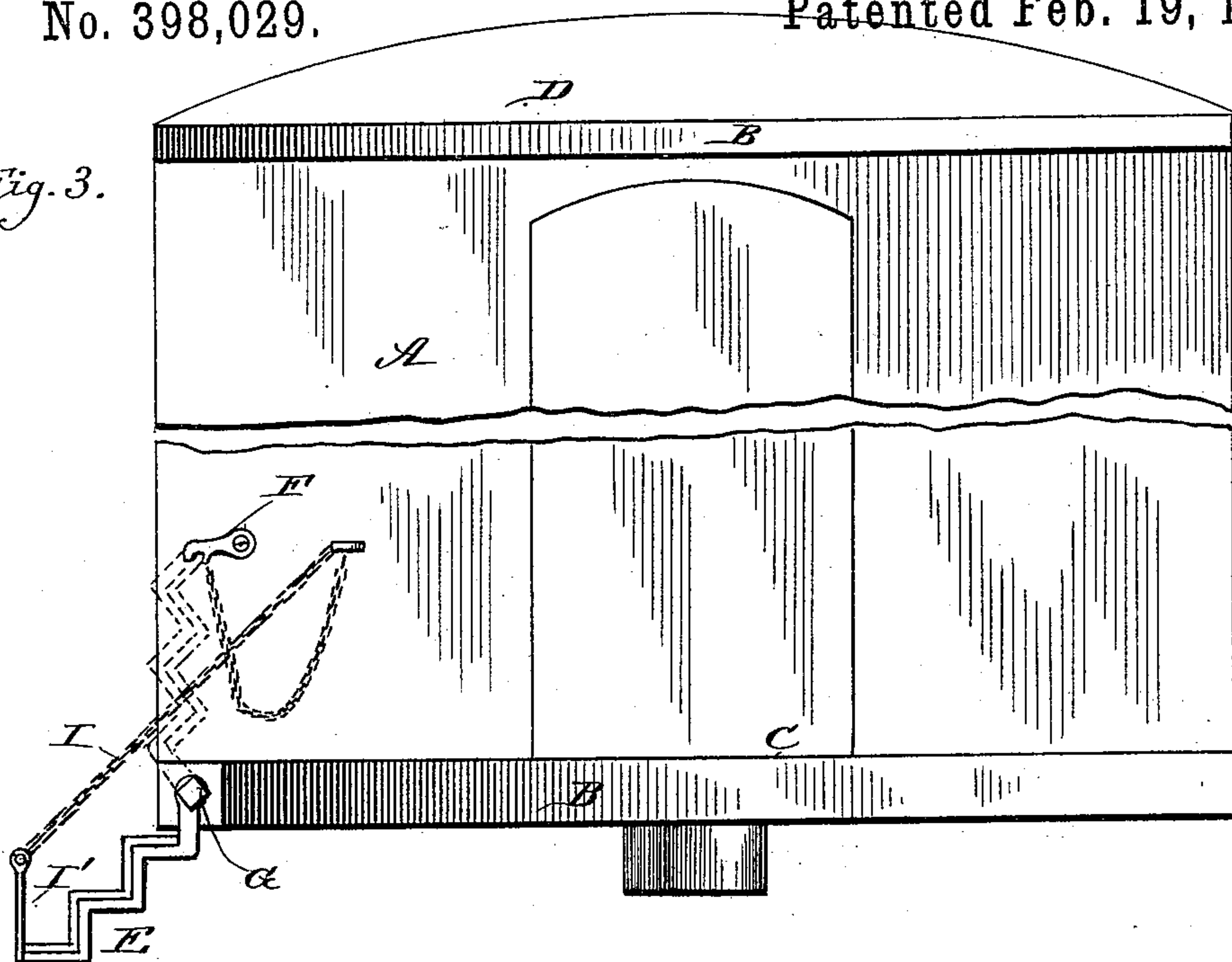
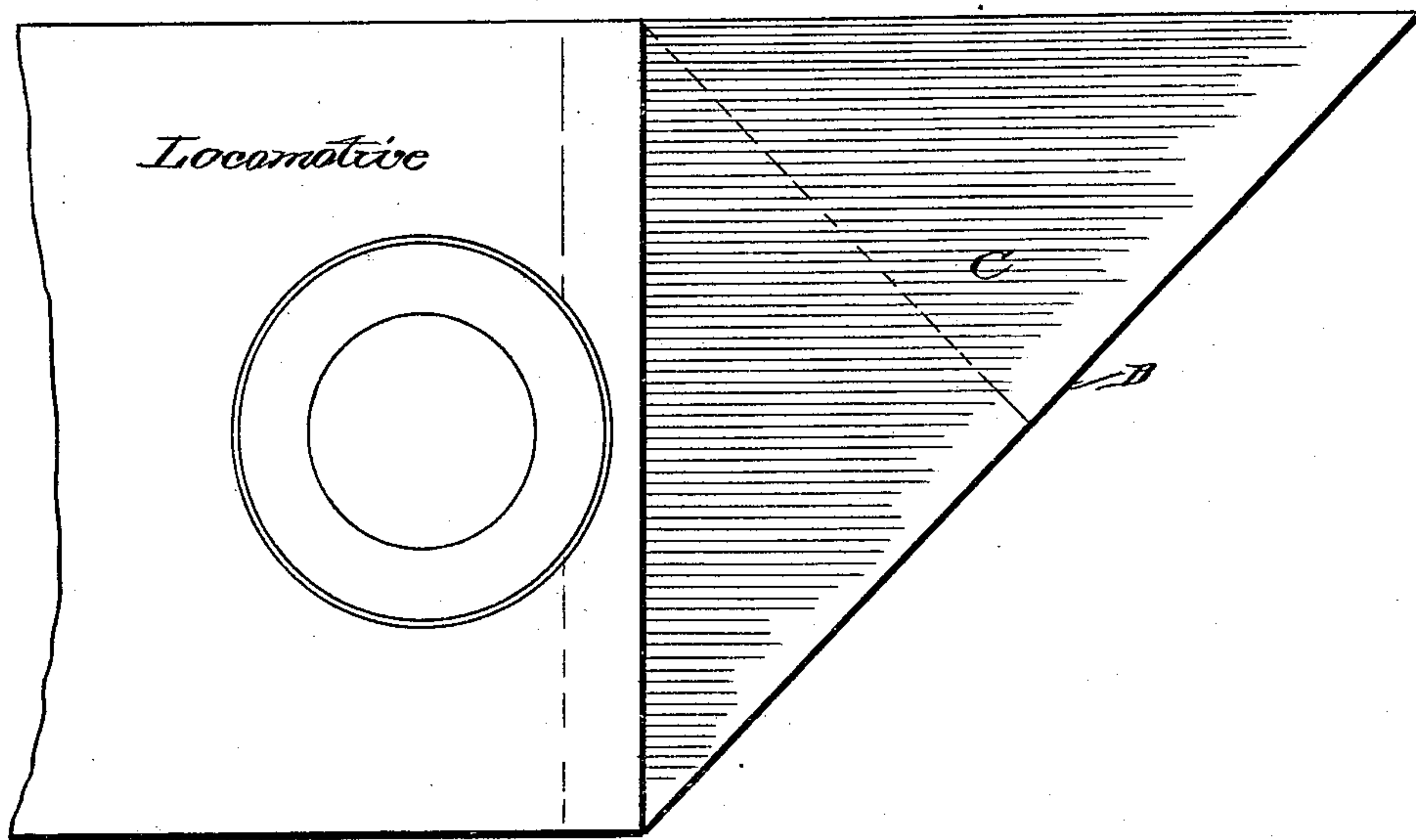


Fig. 4.



WITNESSES:

*Fred G. Dutcher*  
*P. B. Furber*

INVENTOR:

*W. L. Covel*

BY

*Mann*

ATTORNEYS.





whereby they may be turned down for use as steps or up to serve as a guard-rail for the platform, substantially as set forth.

3. A car-platform combined with steps  
5 hinged to the side thereof, whereby they may be turned up or down at will, a spring engaging said steps and adapted to assist in elevating the same, and a fastening whereby the steps may be secured in elevated position,  
10 substantially as set forth.

4. A car having its end platform and the roof overhanging the same formed with surfaces or bearings at an angle inclined to the direction of motion, substantially as set forth.

5. The car having at its end a platform and 15  
an overhanging roof formed with angles inclined to the direction of motion, steps hinged to the wide side edge of the platform, whereby it may be turned up or down, the spring for assisting in elevating the steps, and a fast- 20  
ening for securing the steps elevated, all substantially as and for the purposes specified.

WILLIAM LANDON COVEL.

Witnesses:

FRANK S. HUBBARD,  
BURR SPENCER.