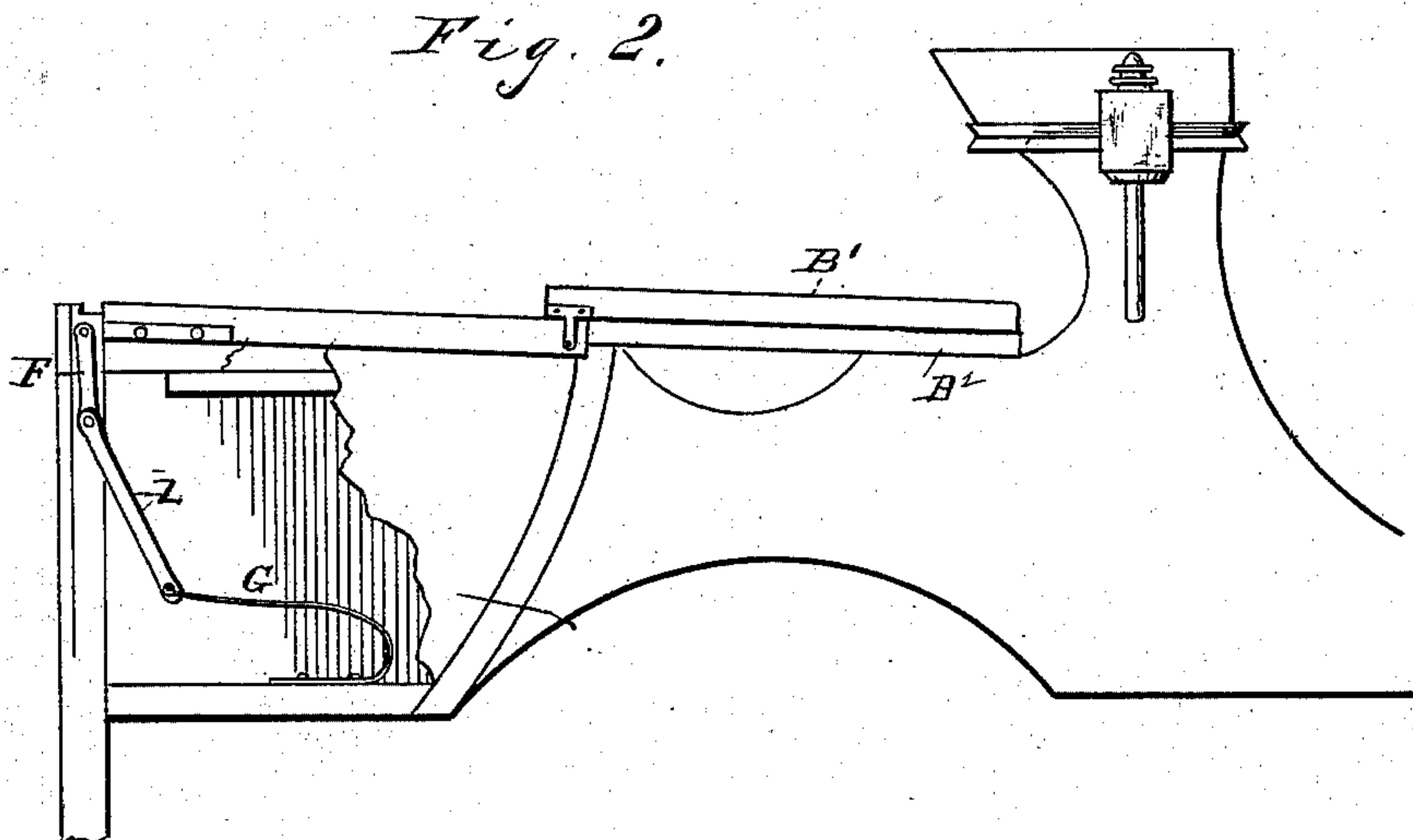
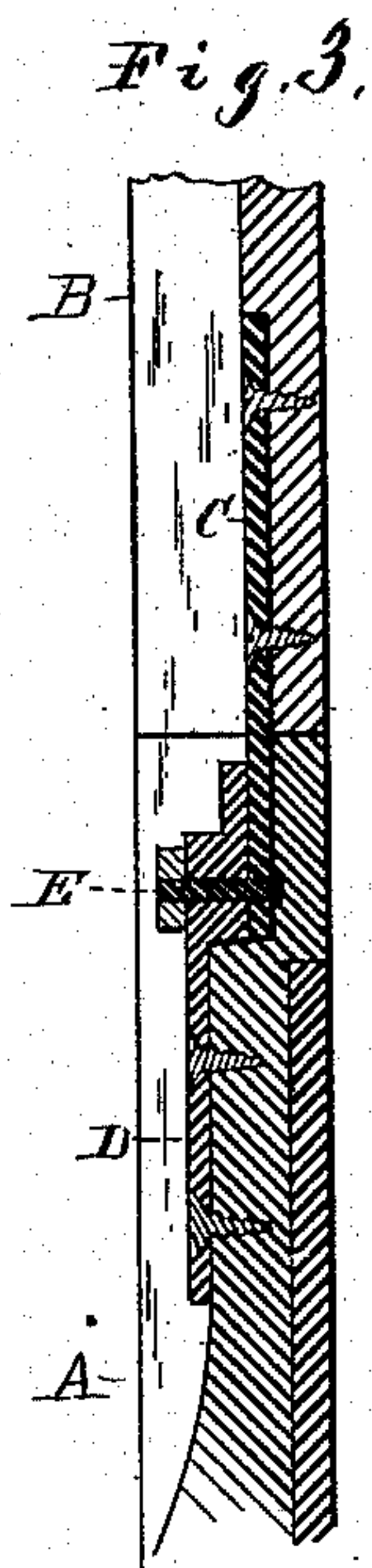
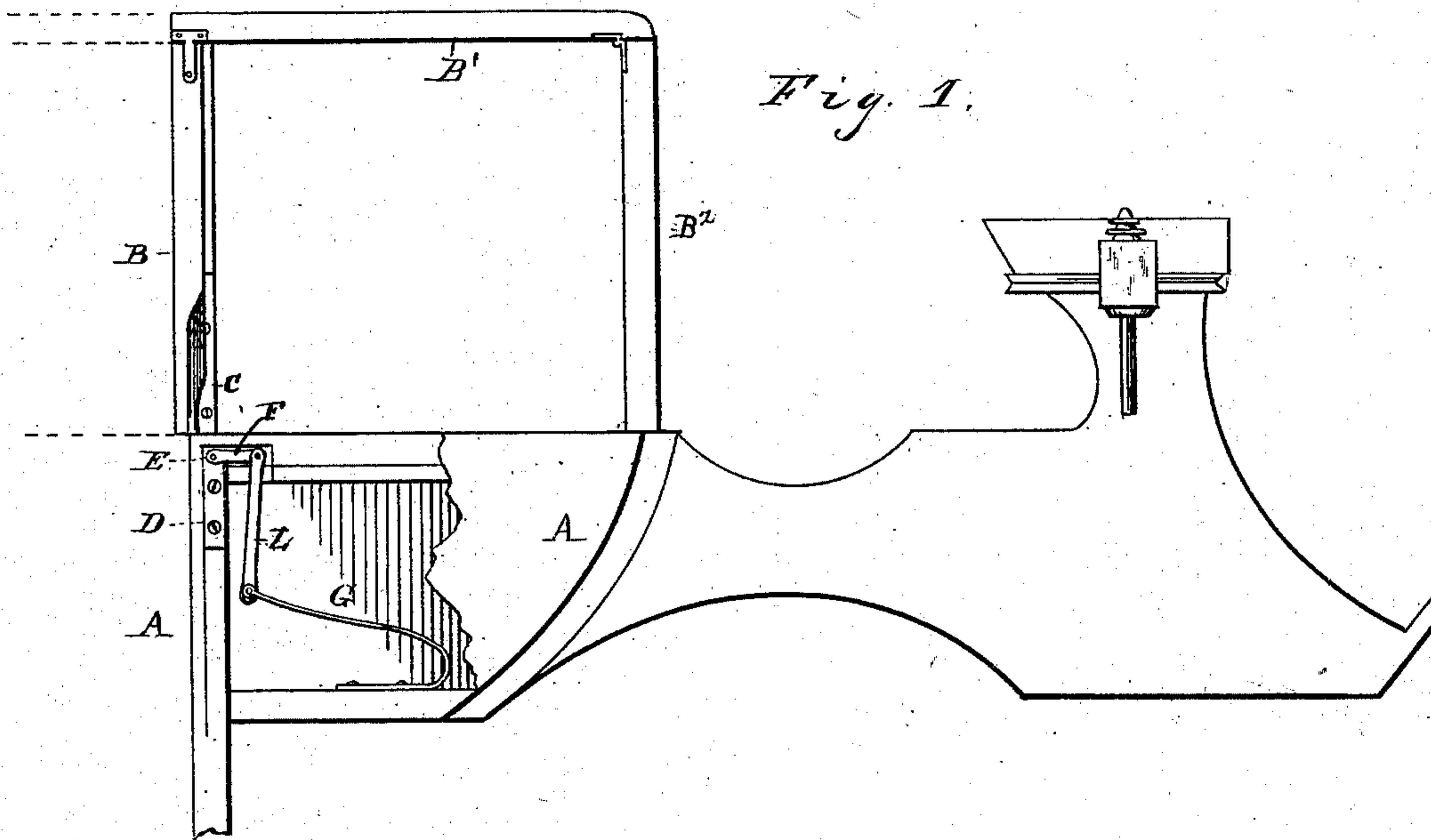


(No Model.)

W. CLUCUS.
CARRIAGE TOP.

No. 273,959.

Patented Mar. 13, 1883.



WITNESSES

W. Engel
C. Frye

William Clucus INVENTOR

By Leggett & Leggett ATTORNEYS

UNITED STATES PATENT OFFICE.

WILLIAM CLUCUS, OF CLEVELAND, OHIO.

CARRIAGE-TOP.

SPECIFICATION forming part of Letters Patent No. 273,959, dated March 13, 1883.

Application filed July 24, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM CLUCUS, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Devices for Holding a Vehicle-Covering up; 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 the same.

My invention relates to the improved construction of a device for holding a vehicle-covering up or down; and it consists of parts and combinations of parts, as are hereinafter more fully set forth and claimed.

Figure 1 in the drawings represents the inside elevation of the fore part of a landau embodying my improved device as it is seen in operation when the cover is raised. Fig. 2 represents a similar elevation of the same with the improved device as it is seen in operation when the cover is thrown back and closed. Fig. 3 represents a vertical transverse section of the same, showing the two plates which are attached to the side of the cover and the body of the landau, and the wrist or pin secured to the upper plate and to the bell-crank lever, which is attached to the spring below, as represented in Figs. 1 and 2.

In Fig. 1, A represents the body of the landau.

B represents the cover of the same.

C and D represent the two plates which are attached to the side of the cover and the body of the landau. These two plates are joined by means of a pin or wrist, E. The pin E is secured to the short arm F, which is pivoted at its outer end to the upper end of a link, L, the lower end of which is pivoted by a pin to a spring, G. The spring G, acting with the pivoted arm-lever, serves to hold the cover B B' B² in its place when thrown up or down.

The operation of the device is as follows: The portions B, B', and B² of the cover are hinged together, and the front support, B², is hinged or otherwise attached to the body of the vehicle so as to admit of its folding. When the cover or top is raised, as shown in

Fig. 1, the arm F, being connected to the pin E, (which latter is secured to the plate C,) will assume the horizontal position shown in Fig. 1, and be retained therein by the link L, which is forced upwardly and held by the spring G, thus sustaining the top in its raised position. To lower the top it is only necessary to push the portion B forward, thereby turning the arm F, through its connection with the pin E, to the vertical position shown in Fig. 2, and depressing the spring G, the hinged portions of the top assuming the positions shown in Fig. 2.

Any other form of spring might be used to exert an upward force and obtain the same result. By employing the jointed links, one arm being secured to a plate connected with the cover of the vehicle, and the other arm to a spring, the latter may be comparatively light, and yet securely retain the top in place, as the arms, when in position to throw their adjacent and pivoted ends slightly off the center, require the outlay of considerable power to disturb their position.

It will readily be seen from the drawings that this device can be placed between the outer box and the lining of the landau, and thus hidden from view.

I do not limit myself to landaus in the application of this improved device, but claim for it the use in elevating and lowering any vehicle-covering whatsoever.

What I claim is—

The combination, with the cover and body of a vehicle, of the plates C and D, secured respectively to said cover and body, and connected by a pin, E, an arm, F, secured to said pin, a link, L, and spring G, one end of the latter being secured to said link, while the opposite end is secured to the vehicle-body, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM CLUCUS.

Witnesses:

JNO. CROWELL, Jr.,
CHARLES FRYE.