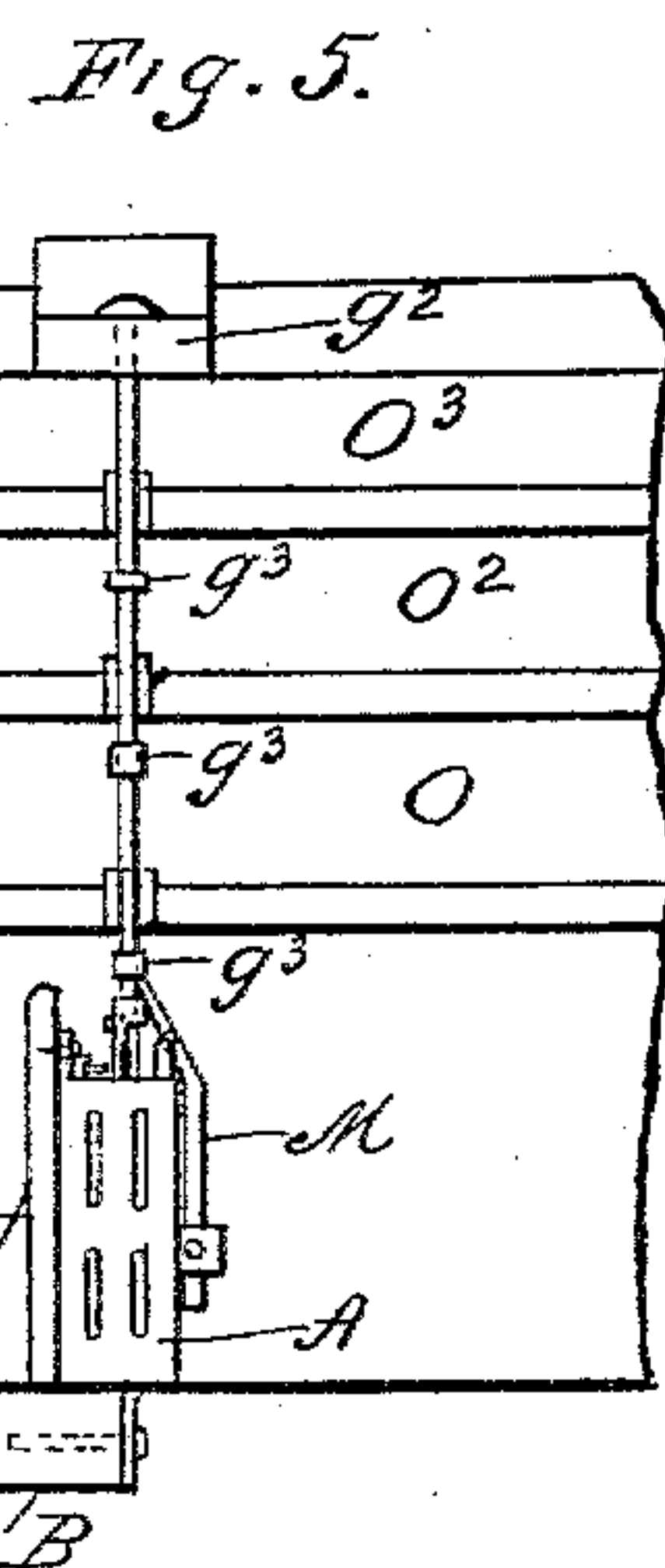
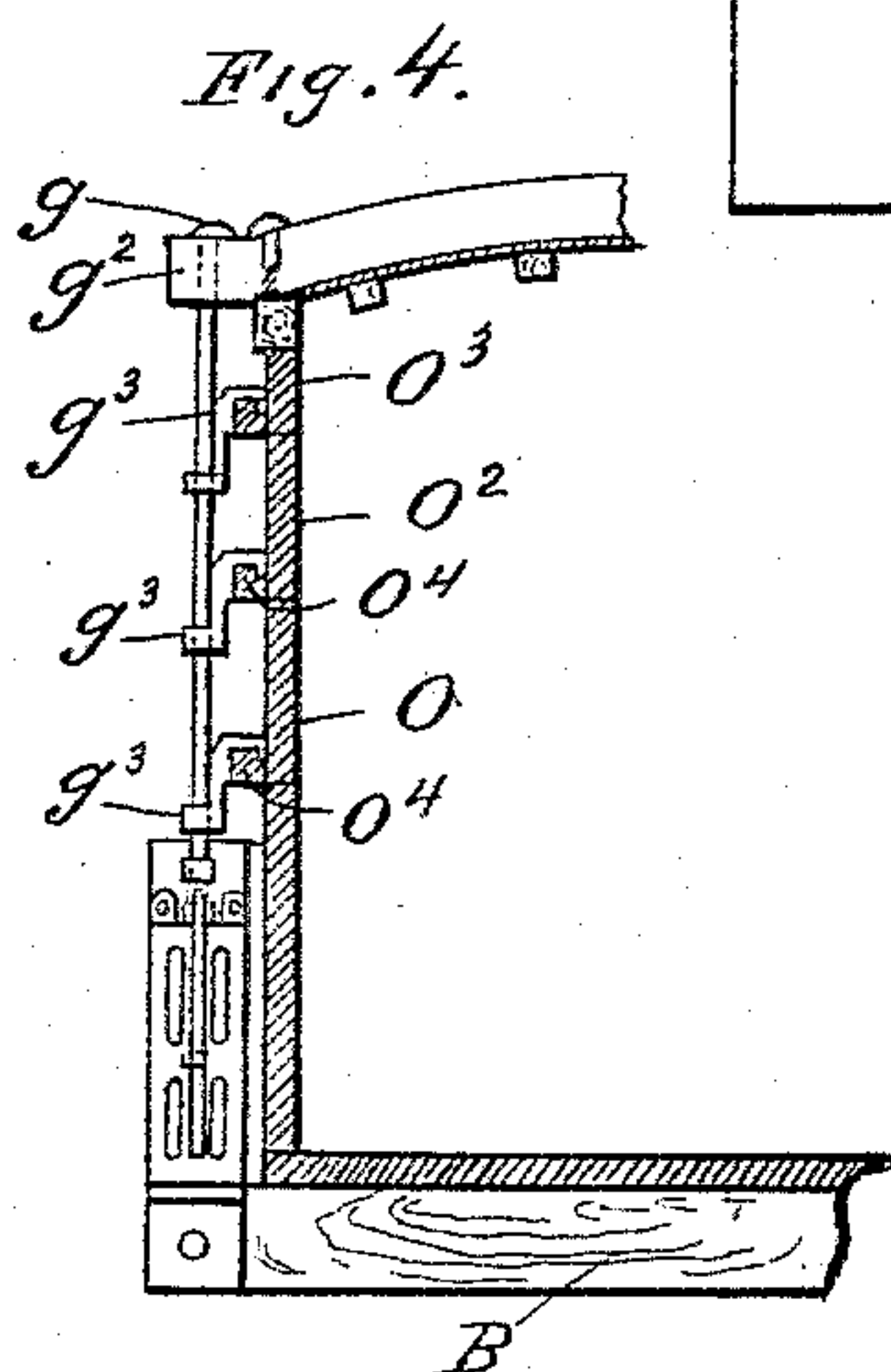
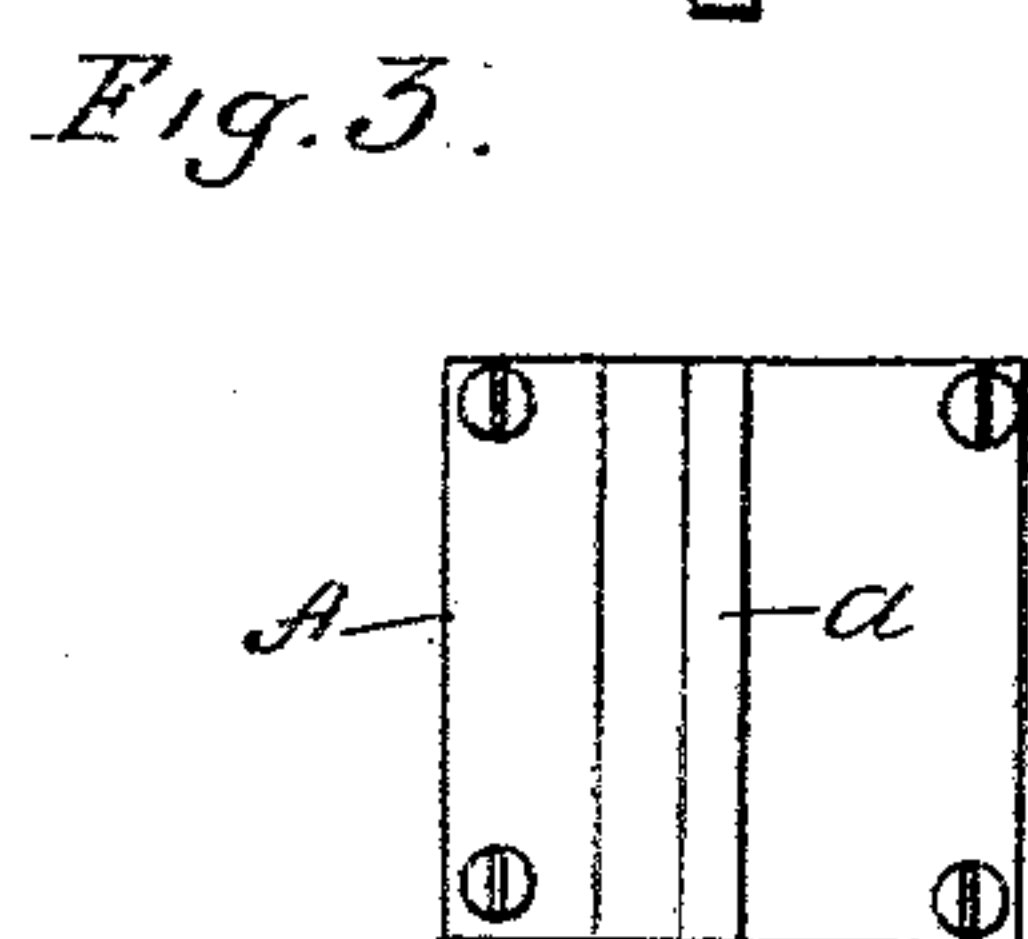
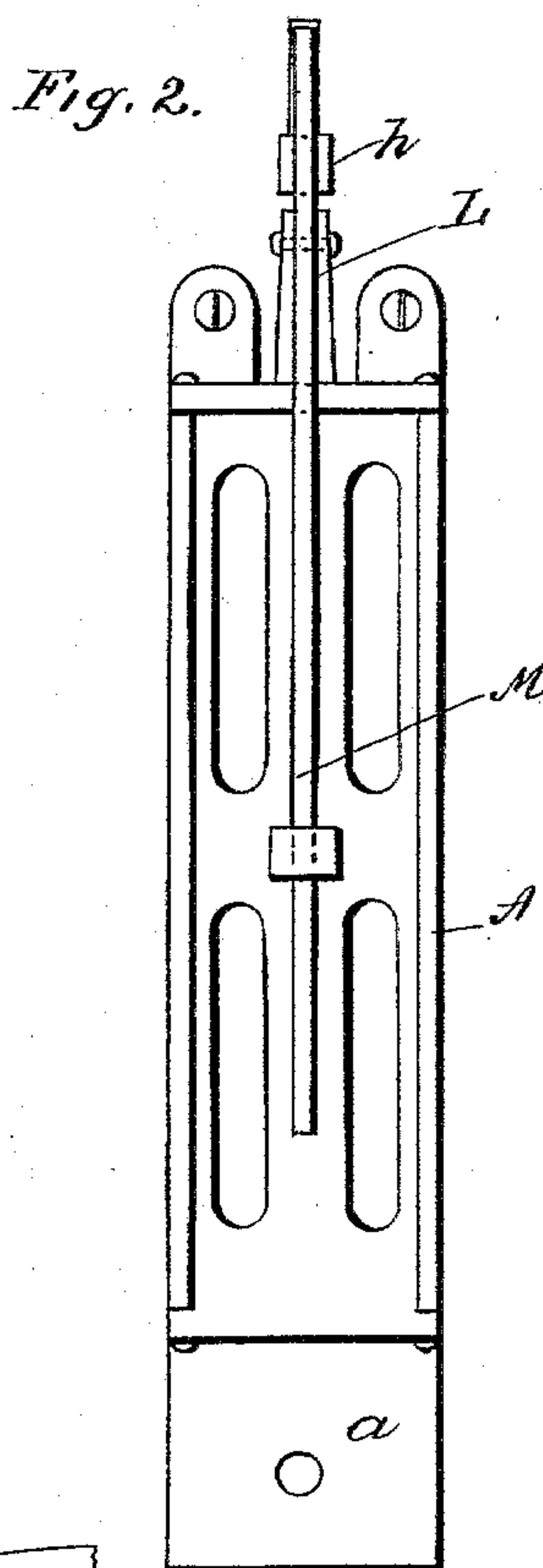
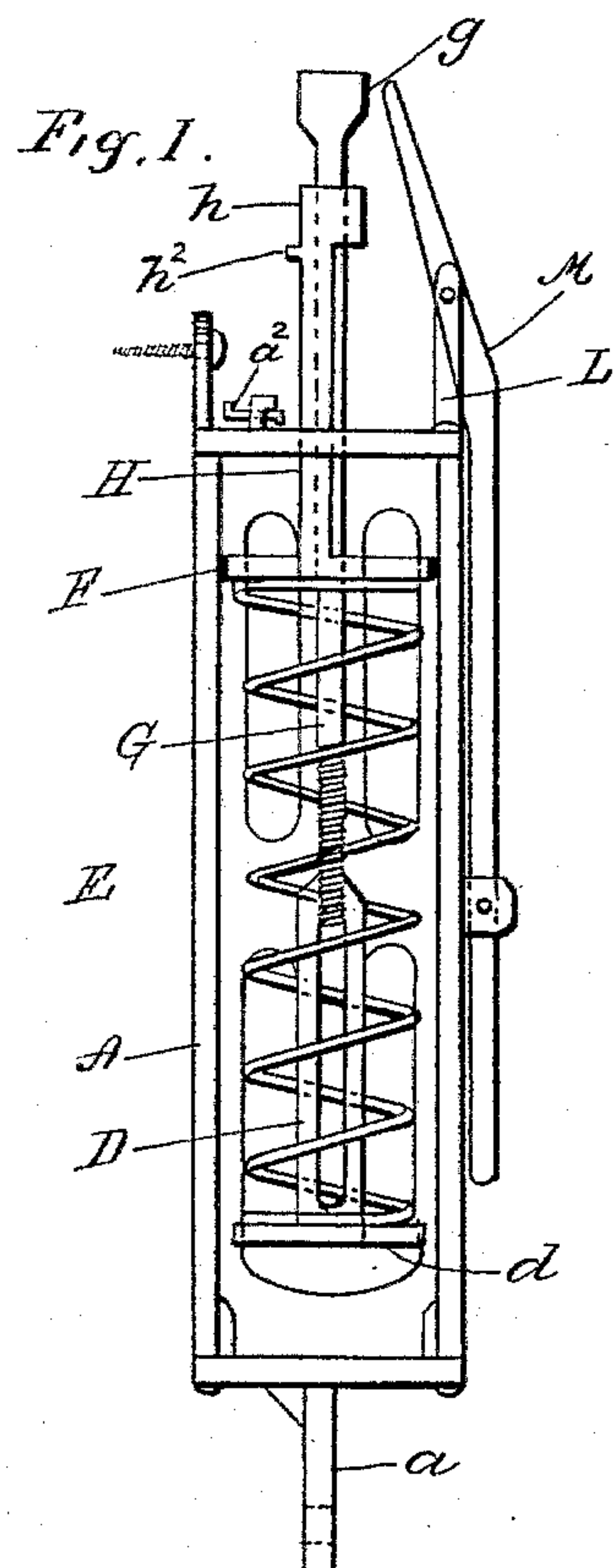


(No Model.)

H. W. POGUE.
BRACE FOR WAGON BODIES.

No. 565,177.

Patented Aug. 4, 1896.



WITNESSES:
Chas. L. Wagner.
C. Gerst.

INVENTOR
Henry W. Pogue.
BY
Edgar Tate & Co.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

HENRY W. POGUE, OF FINDLAY, ILLINOIS.

BRACE FOR WAGON-BODIES.

SPECIFICATION forming part of Letters Patent No. 565,177, dated August 4, 1896.

Application filed February 18, 1896. Serial No. 579,788. (No model.)

To all whom it may concern:

Be it known that I, HENRY W. POGUE, a citizen of the United States, and a resident of Findlay, in the county of Shelby and State of Illinois, have invented certain new and useful Improvements in Stays or Braces for Wagon Bodies or Beds, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar letters of reference indicate corresponding parts.

This invention relates to stays for wagon bodies or beds; and the object thereof is to provide an improved device of this class which is adapted to be connected with one of the bolsters of the running-gears of the wagon, and to be also connected with the wagon body or bed or with the separate parts of which the same is composed, so as to clamp and hold the same securely together; and with this and other objects in view the invention consists in the construction, combination, and arrangement of parts hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a front view of my improved stay or brace; Fig. 2, a side view thereof; Fig. 3, a bottom plan view; Fig. 4, a vertical section through a portion of a wagon bed or body provided with my improvement, and Fig. 5 a side view thereof.

In the practice of my invention I provide a stay or brace, which consists of a box or casing A, which is oblong in form, and the bottom of which is provided with a depending plate α , and this device is adapted to be secured to the end of a bolster B and to one of the bolster-pins C, as shown in Figs. 4 and 5, by bolts or screws in any desired manner.

Within the box or casing A, and centrally thereof, is a vertical and slotted standard D, which is secured to a vertically-movable plate d , through the upper end of which passes the screw-threaded end of a vertically-movable bar G, the upper end g of which is adapted to be secured to the top of the wagon-body, as shown at g^2 , and this connection may be made in any desired manner, either by a hook or by passing the end of the bar through the side of the top of the wagon-body or a cross-

brace secured thereto and providing the same with a screw-nut.

Mounted within the box or casing A is a vertically-movable plate, and inclosing the slotted standard D and the bar G is a strong spiral spring E, on the upper end of which is placed a plate F, to which is secured a vertical rod H, the upper end of which is provided with a head h , through which the bar G passes, and formed on the side of the rod H and near the upper end thereof is an outwardly-directed shoulder or projection h^2 , and secured to the upper end of the box or casing A is a hook or projection a^2 , which is adapted to act, in connection with the shoulder or projection h^2 , so as to hold the rod H in a depressed position, and the vertically-movable bar is provided with a number of hooks or clamps g^3 , and pivotally connected with the side of the box or casing or with a standard L, secured thereto, is a lever M, by which the rod H may be depressed.

In Figs. 4 and 5 I have shown a portion of a wagon body or bed, and said wagon body or bed may be provided with a number of side-boards O, O^2 , and O^3 , each of which is provided with a side cleat or plate O^4 , in connection with which the hooks g^3 are adapted to operate, and the operation will be readily understood from the foregoing description, when taken in connection with the accompanying drawings, and the following statement thereof.

The box or casing A is secured to the bolster B, as hereinbefore described, and the upper end of the rod G is secured to the top of the wagon body or bed, and the rod H is then depressed by the lever L, which operation forces downwardly the plate d and the bar G, thus securely clamping the top of the wagon body or bed to the bolster, and if the clamps g^3 and the side-boards O, O^2 , and O^3 are employed said side-boards will also at the same time be securely drawn together, and the entire wagon body or bed be thus braced or stayed and securely held in position.

It will be understood that one of these devices may be connected with each of the bolsters, and it will also be understood that the length of the bar G may be adjusted at any time by means of its screw-threaded connection with the standard D, and by means of this last arrangement the length of the device

may be adjusted to wagon beds or bodies of different heights.

This device is simple in construction and operation and is well adapted to accomplish the result for which it is intended; and it is evident that changes in and modifications of the construction herein described may be made without departing from the spirit of my invention or sacrificing its advantages, and I reserve the right to make all such alterations therein and modifications thereof as fairly come within the scope of the invention.

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

The herein-described brace or stay for wagon beds or bodies, which consists of an oblong box or casing adapted to be secured to the bolster, said box or casing being provided with a vertically-movable plate on which is formed a vertical standard, a vertically-movable bar, the lower end of which is

screw-threaded and passed through the upper end of said standard, a spiral spring mounted on said plate, and another plate mounted on said spring, said bar being projected through the top of said casing, and said last-named plate being provided with a rod which extends also through said casing, and the upper end of which is connected with said bar, said bar being also adapted to be secured to the top of a wagon bed or body, and means connected with said box or casing for depressing said rod, and said spring, and for holding the same in a depressed position, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 14th day of February, 1896.

HENRY W. POGUE.

Witnesses:

N. F. KEIM,

BENTON FORTNEY.