

J. Taylor. Nitro Glycerin Can.

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Fig. 1.

PATENTED AUG 1 1871

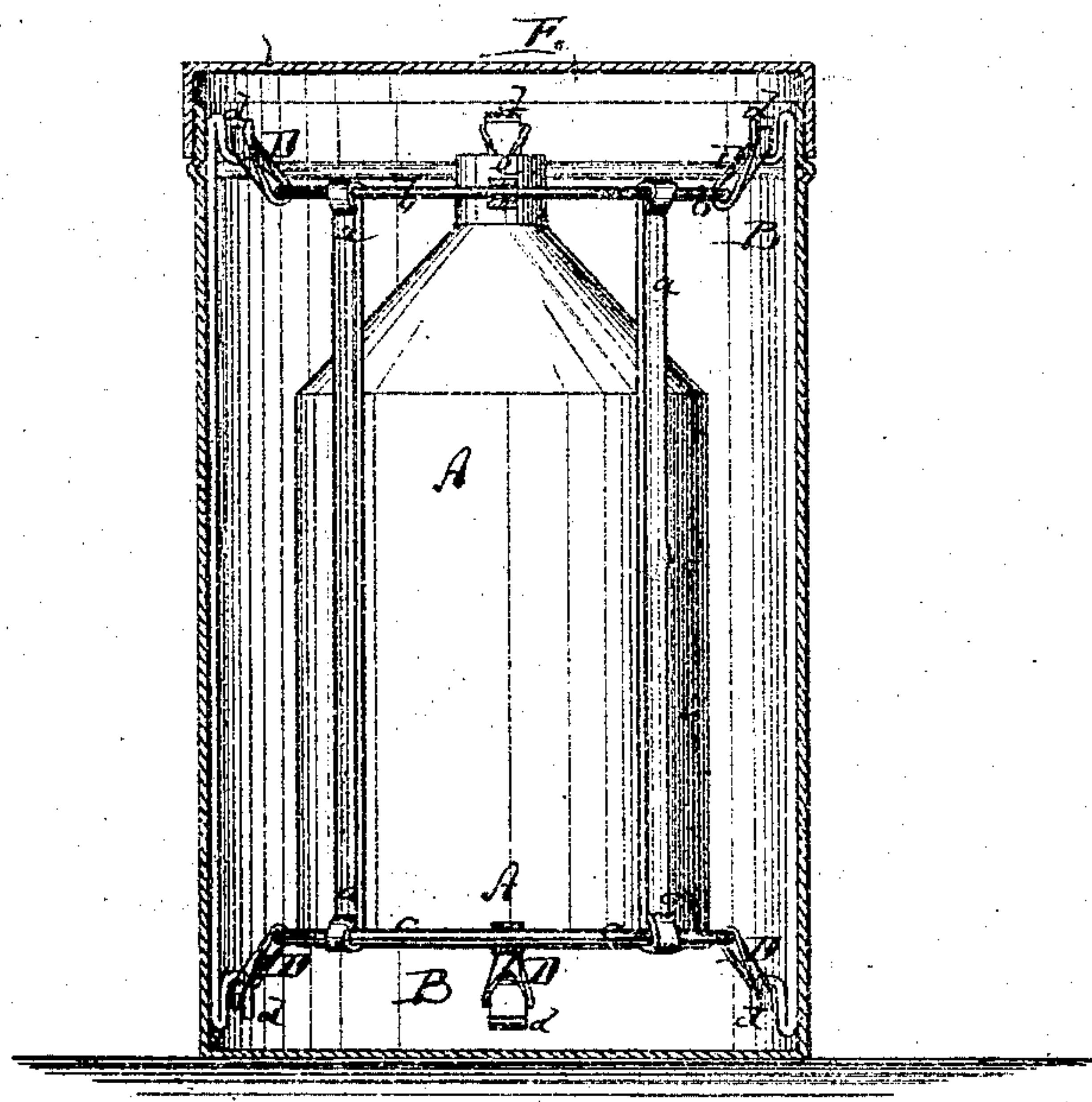
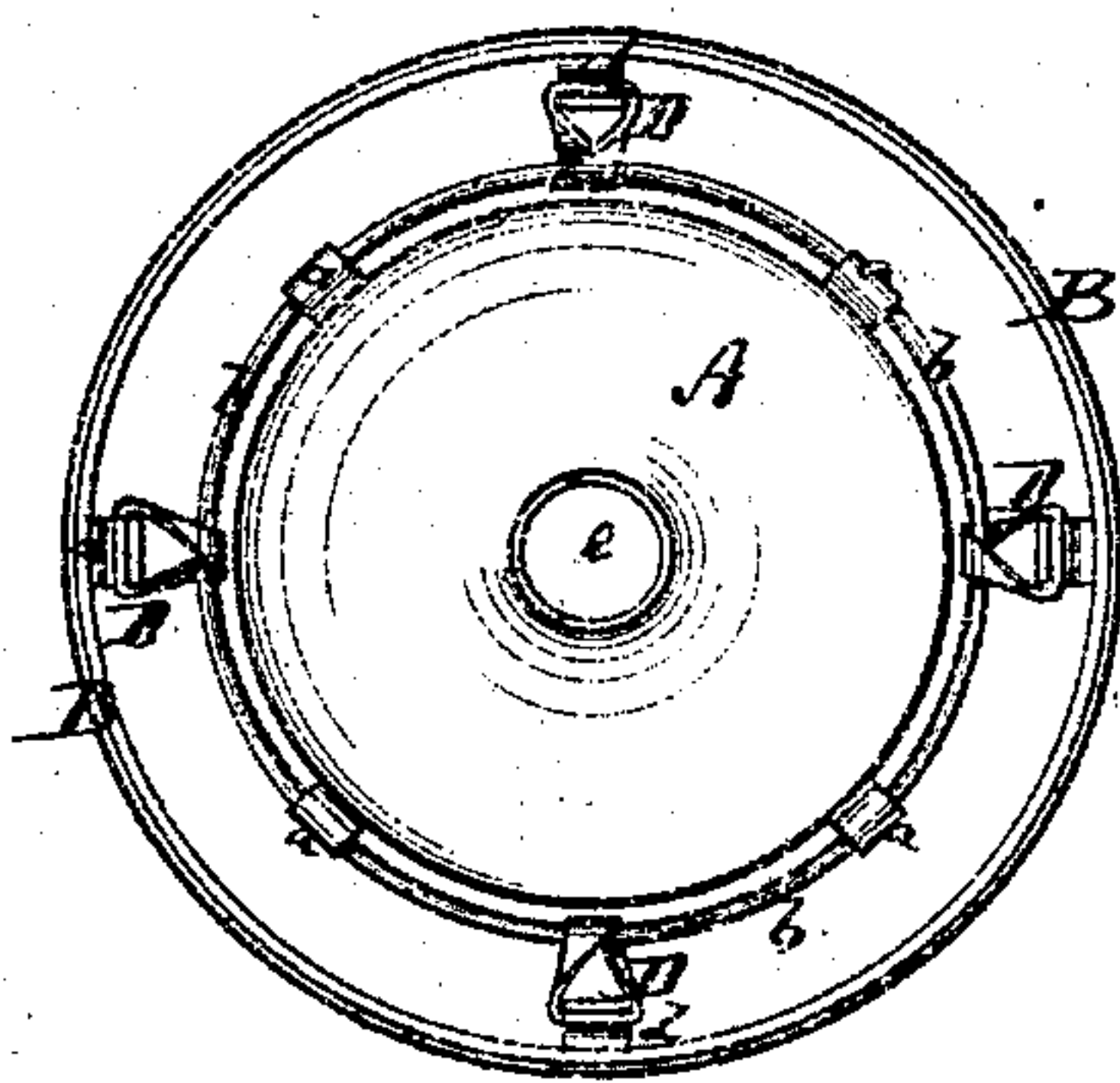


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

JACOB TAYLOR, OF PETROLEUM CENTRE, PENNSYLVANIA.

IMPROVEMENT IN CANS FOR NITRO-GLYCERINE.

Specification forming part of Letters Patent No. 117,577, dated August 1, 1871.

To all whom it may concern:

Be it known that I, JACOB TAYLOR, of Petroleum Centre, in the county of Venango and State of Pennsylvania, have invented a new and Improved Can for Nitro-Glycerine; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 represents a side view of my improved nitro-glycerine can, the outer case being shown in section. Fig. 2 is a plan or top view of the same.

Similar letters of reference indicate corresponding parts.

This invention has for its object to produce a can wherein nitro-glycerine and other explosive compound or material may be safely transported, and whence it can be conveniently removed for use. The invention consists in suspending the can by elastic bands or springs within an inclosing-case or shell, the spring being so regulated that the can will always be kept clear of the shell during the oscillations and movements of handling and conveying. The contact of the can with any hard substance is thus avoided, and explosion consequently prevented.

A in the drawing represents a can, of cylindrical or other form, made of sheet metal or equivalent material. By means of arms *a a*, which project from the upper and lower parts of the

can, are secured thereto rings *b* and *c*, of wire or other material. These rings are larger in diameter than the can, as shown. B is a sheet-metal case or shell, considerably larger than the can A. To its inner side is secured a series of hooks, *d d*, which are in two rows, one near the bottom and the other near the top of said vessel. These two rows are further apart from each other than the rings *b* and *c*. D D are elastic straps of rubber or equivalent material, fitted around the rings *b c*, and put over the hooks *d* in such manner that they will thus hold the can A suspended within the shell B. The row of hooks being further apart from one another than the rings *b c*, the straps are stretched and hold the can balanced between the top and bottom of the case. The upper springs counterbalance the lower, and vice versa, so that the can will not be easily thrown against the ends of the case. The latter has a removable cover, E, which is taken off when it is desired to reach the explosive contents of the can, which also has a cover or stopper, *e*.

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

The nitro-glycerine can, balanced by two rows of elastic straps or springs within the case or shell B, substantially as herein shown and described.

JACOB TAYLOR.

Witnesses:

JUDSON WORDEN,
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