

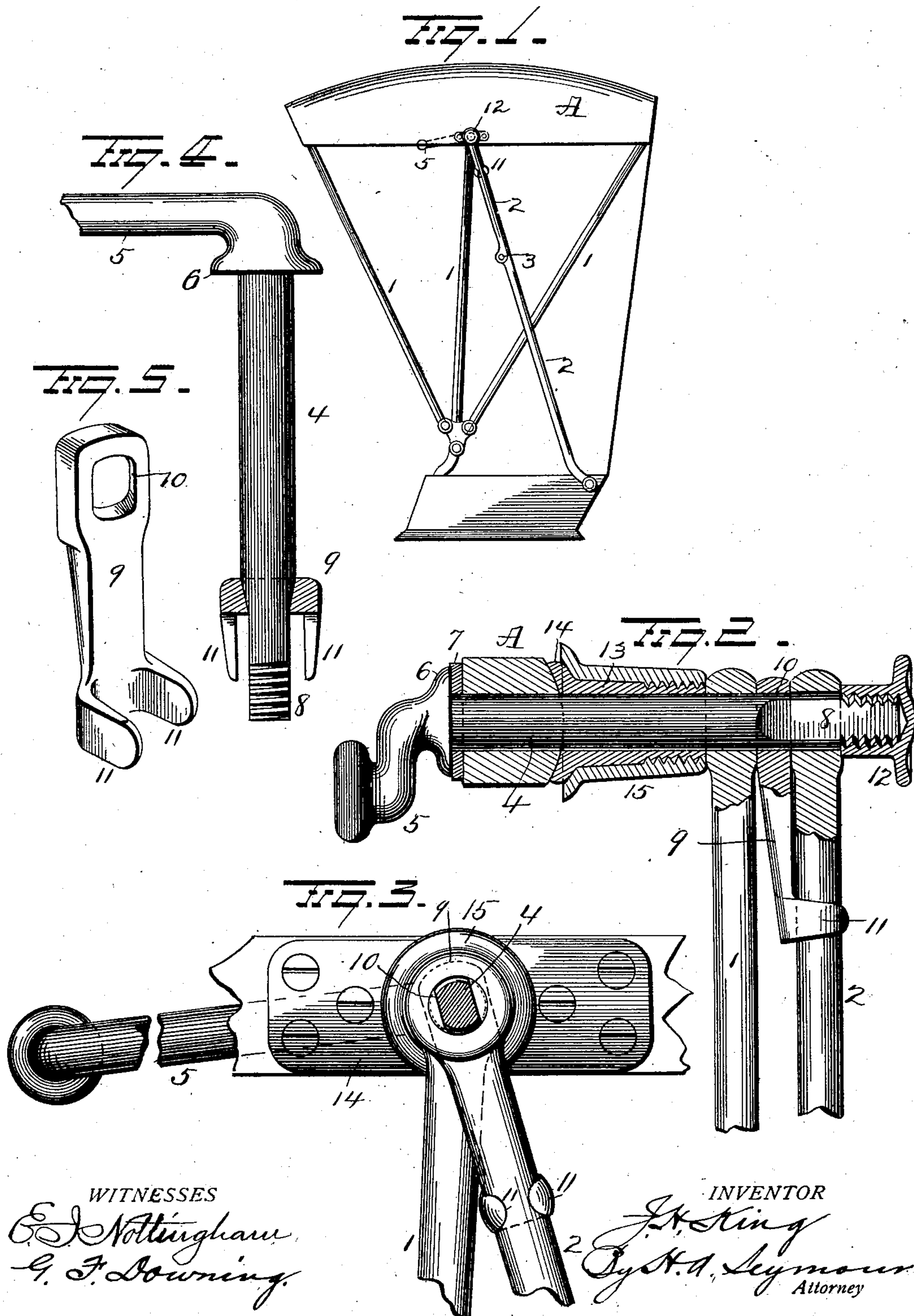
No. 735,779.

PATENTED AUG. 11. 1903.

J. H. KING.
CARRIAGE TOP OPERATING DEVICE.

APPLICATION FILED MAR. 12, 1900.

NO MODEL.



WITNESSES

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JACOB H. KING, OF PIQUA, OHIO.

CARRIAGE-TOP-OPERATING DEVICE.

SPECIFICATION forming part of Letters Patent No. 735,779, dated August 11, 1903.

Application filed March 12, 1900. Serial No. 8,361. (No model.)

To all whom it may concern:

Be it known that I, JACOB H. KING, a resident of Piqua, in the county of Miami and State of Ohio, have invented certain new and useful
 5 Improvements in Carriage-Top-Operating Devices; 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 appertains to make and
 10 use the same.

My invention relates to an improvement in carriage-top-operating devices, the object of the invention being to provide a device of the above-mentioned character which will be extremely simple in construction, easily placed
 15 in position on a carriage-top, readily operated from the seat of the carriage, and which will constitute an antirattler.

With this object in view the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is
 25 a view in perspective, illustrating my improvements. Fig. 2 is a view in longitudinal section, showing the manner of assembling the parts; and Figs. 3, 4, and 5 are views of details of construction.

30 A represents a carriage-top having the usual bows 1 and inclined brace 2, hinged between its ends, as shown at 3.

My improved operating mechanism comprises at each side of the top a shaft 4, having an outwardly-projecting lever or hand-
 35 hold 5 at its inner end. The shaft 4 is made with a peripheral shoulder 6 near one end, disposed against a washer 7; (of flexible material,) secured to the inner face of the top A.
 40 The outer end of the shaft is contracted at each side, as shown at 8, and a bracket 9, having an opening 10 in its upper portion similarly shaped to the contracted end of the shaft, is slipped onto the end of the shaft, and the
 45 upper end of the brace 2 is also placed on the end of shaft 4. The bracket 9 is provided on its lower end at each side with an outwardly-projecting lug 11, between which the brace is

secured and compelled to move therewith.

The extreme outer end of the shaft 4 is screw-
 50 threaded for the reception of a nut 12 to lock the brace on the shaft.

The bow 1 is mounted on the circular portion of the shaft 1, and an externally-screw-
 55 threaded tubular bearing 13, having a peripheral flange 14 at its inner end disposed against the outer face of the top A, is disposed on the shaft 4, and an internally-threaded sleeve 15 is screwed onto bearing 13 and is adapted to
 60 be adjusted to entirely inclose the shaft and hold the tube 13, bow 1, bracket 9, and brace 2 against any independent lateral movement, and hence constitutes an antirattler.

It will be seen that when the top A is up and it is desired to lower the same it is simply
 65 necessary to pull down on the levers 5, which will break the brace at its hinged portion 3 and permit the top to fold back, and when it is desired to raise the top it is simply
 70 necessary to reach back, grasp the levers 5, and pull them forward, thus raising the top to an upright position, when the braces 2 will become straight and hold the top in its upright position.

Various slight changes might be resorted to
 75 in the general form and arrangement of the several parts described without departing from the spirit and scope of my invention, and hence I would have it understood that I
 80 do not wish to limit myself to the precise details set forth, but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of my invention.

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

The combination with a carriage-top, of a shaft mounted in the frame of the top, a crank
 90 on one end of said shaft and having a shoulder, a flexible washer interposed between said shoulder and carriage-top frame, a bow
 95 through which said shaft loosely passes, adjustable spacing devices between said frame and brace, the said shaft having a flattened face, an arm located on the portion of the

shaft having the flattened face, a brace
mounted loosely on the flattened portion of
the shaft, lugs on the free end of said arm
and embracing said brace, and a nut screwed
5 on the free end of the shaft and engaging said
brace.

In testimony whereof I have signed this

specification in the presence of two subscri-
ing witnesses.

JACOB H. KING.

Witnesses:

G. A. BROOKS,
MARIANA M. BROOKS.