

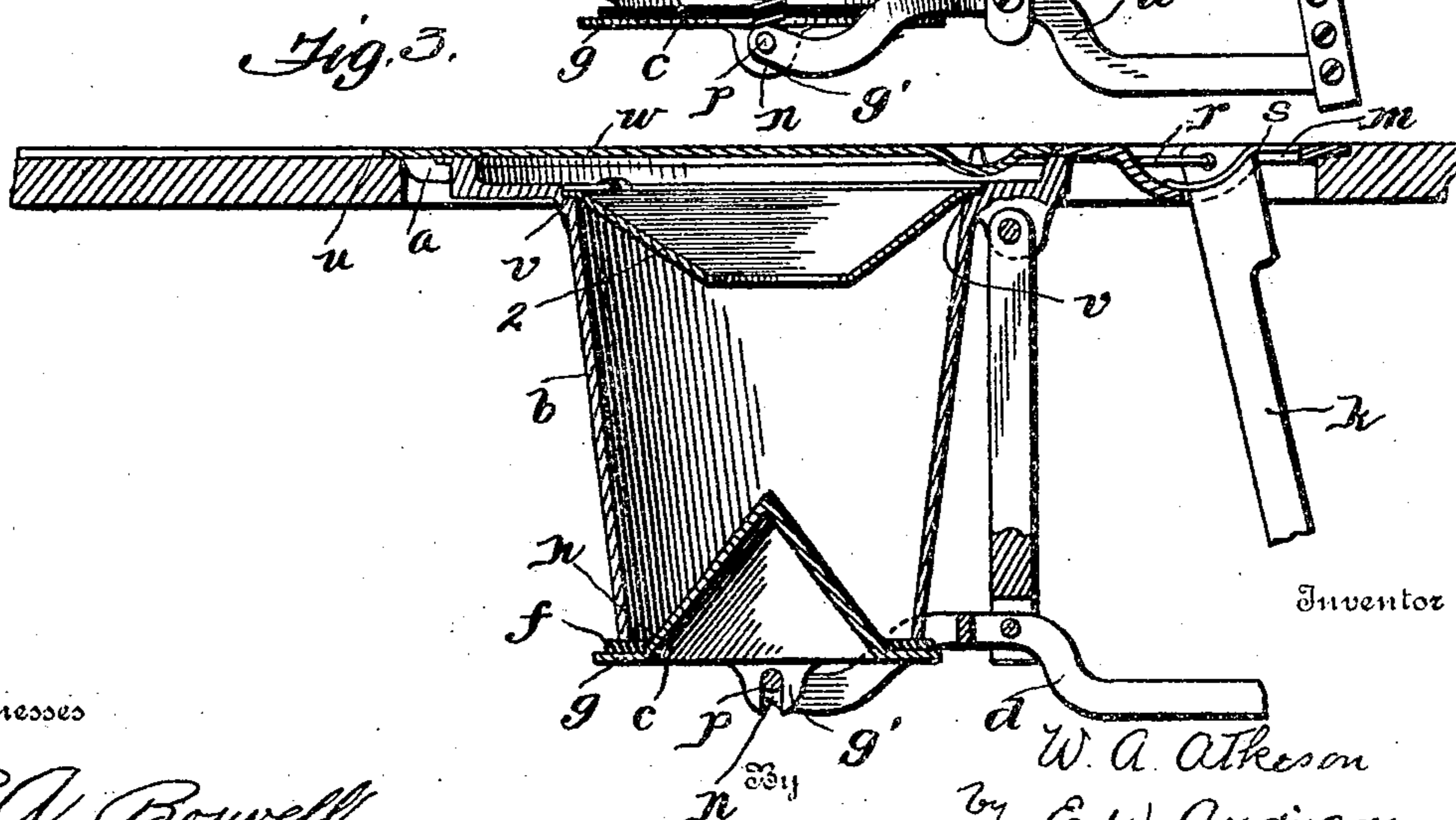
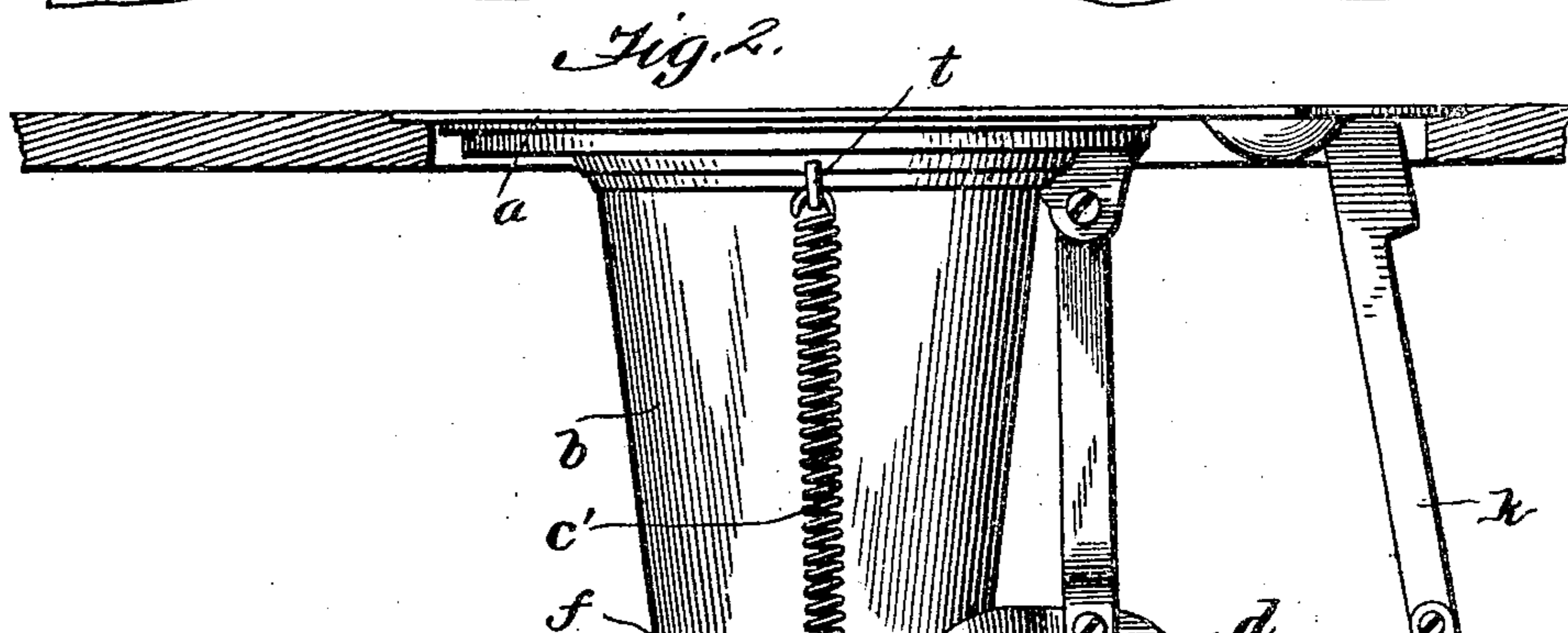
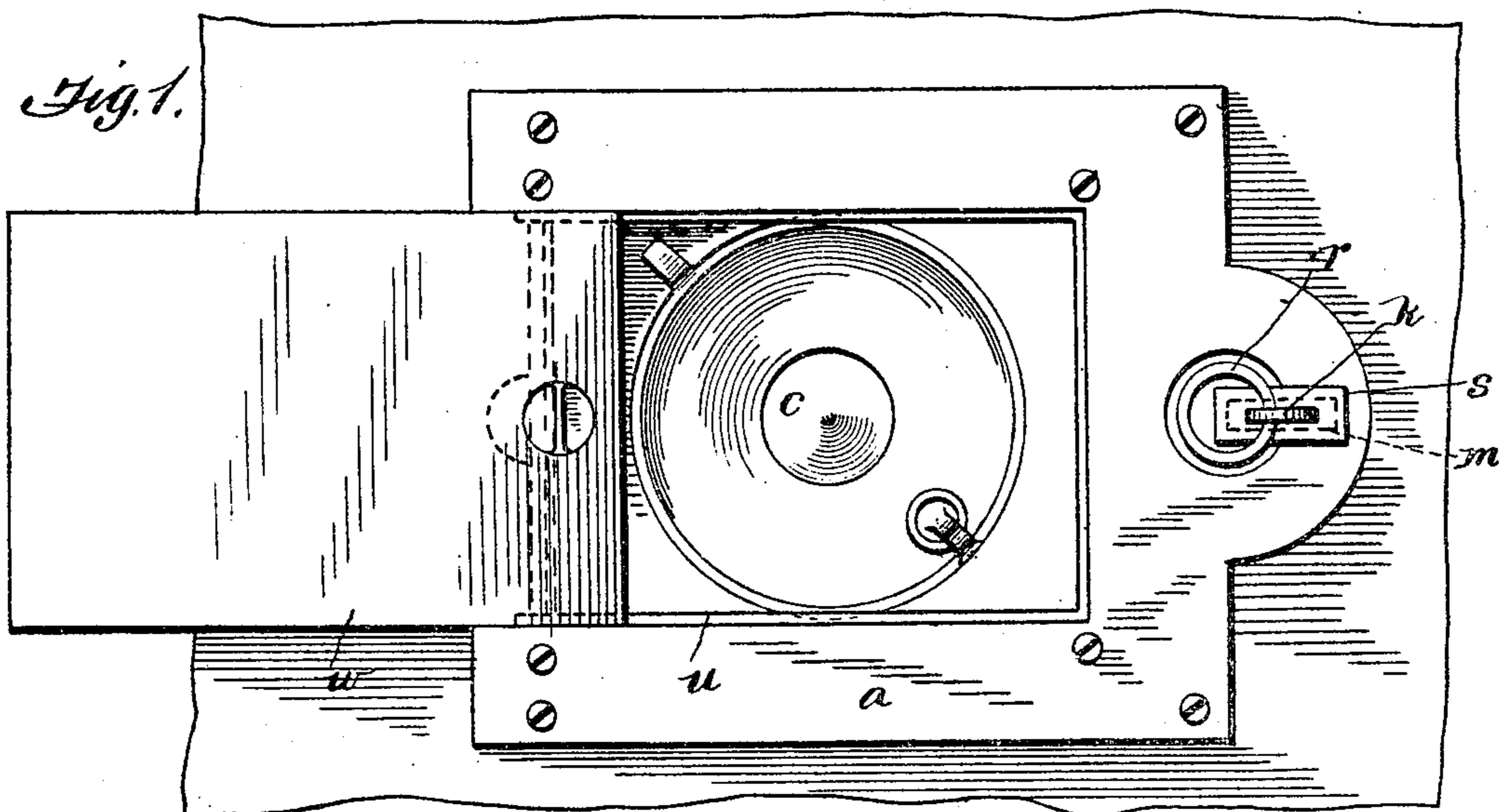
No. 800,969.

PATENTED OCT. 3, 1905.

W. A. ATKESON.

CUSPIDOR.

APPLICATION FILED NOV. 26, 1904.



Witnesses

*T. A. Boswell.*  
*George M. Anderson.*

*W. A. Atkeson*  
*by C. W. Anderson*  
*Attorney*

# UNITED STATES PATENT OFFICE.

WILLIAM A. ATKESON, OF NEWARK, OHIO.

## CUSPIDOR.

No. 800,969.

Specification of Letters Patent.

Patented Oct. 3, 1905.

Application filed November 26, 1904. Serial No. 234,441.

*To all whom it may concern:*

Be it known that I, WILLIAM ALLEN ATKESON, a citizen of the United States, and a resident of Newark, in the county of Licking and State of Ohio, have made a certain new and useful Invention in Cuspidors; and I declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the invention, reference being had to the accompanying drawings, and to characters of reference marked thereon, which form a part of this specification.

Figure 1 is a plan view of my cuspidor with cover withdrawn. Fig. 2 is a side elevation of the cuspidor. Fig. 3 is a central vertical section of the same.

The invention has relation to cuspidors or spittoons mainly designed for use in cars and vehicles; and it consists in the novel construction and combinations of parts, as hereinafter set forth.

In the accompanying drawings, illustrating the invention, the letter *a* designates a recessed floor plate or frame to which is attached a depending bowl *b*, open at its lower end and having a separate bottom *c*, which is connected to lateral branches of a lever *d*, pivoted to an arm of the floor plate or frame and having its fulcrum about on a level with the bottom *c*. This bottom *c* is of conical form and is held up against the lower margin of the bowl *b* by strong lateral springs *e*, a packing-gasket *f* being placed on the annular bearing *g* of this bottom around a suitable shoulder *h* thereof. The lever *d* is provided at the outer end with an operating-rod *k*, the upper end of which extends through an opening *m* in the floor-plate and is provided with a pull-ring *n*. The upper end of the rod *k* is formed with a stop *s*, which engages a ledge of the opening *m*, which is depressed or countersunk to receive the ring and to provide an unobstructed surface.

The lateral branches of the lever *d* are provided with a transverse rod *p*, on which the ears *q* of the bottom *c* are pivoted, said ears having lateral channels *r* for the reception of the lower ends of the springs *e*, which are connected to the rod *d*, their upper ends being fastened to the lugs *t* of the bowl or frame.

The floor-plate is recessed, as above stated, and the lateral walls of the recess are pro-

vided with grooves *u* for the reception of a sliding cover *w*, which is designed to be flush with the surface of the plate.

The plate is provided around the bowl-opening with an annular shoulder *v*, designed to serve as a bearing for the margin of the funnel-top 2 of the bowl, this funnel-top being pivoted to the plate by means of a pin passing through a perforated lug of said top and through perforated lugs of said plate or bowl. Usually the floor-plate and bowl are cast in one piece; but they may be cast separately. When the cover is closed in the floor-plate, the spittoon is shut off out of the way and is rendered inoffensive.

In order to discharge the contents of the bowl, the rod *k* is pulled and the lever *d* operated to depress the bottom *c*, which, being of conical form, facilitates the flow of the contents outward over the margin of the bottom through the opening between the latter and the lower margin of the bowl. When the rod *k* is released, the springs *e* draw the bottom up against the lower margin of the bowl, closing the same. The cone-form raised center of the bottom *c* extends upward to an extent approximately equal to half the diameter of the bottom of the bowl *b*.

Having described the invention, what I claim, and desire to secure by Letters Patent, is—

1. In a cuspidor, the combination with the floor-plate and the open-bottom bowl, of the bottom having a cone-form raised center extending upward to an extent approximately equal to half the diameter of the bottom of said bowl, said bottom having also depending ears provided with open slots, a transverse rod connecting said ears and lying in said slots, an operating-lever pivotally connected to and supported from the bowl engaging said rod at one end, an operating-rod connected to said lever at the other end, and lateral coil bottom-closing springs connected to the end portions of said transverse rod and the sides of the bowl, substantially as specified.

2. In a cuspidor, the combination with the floor-plate and the open-bottom bowl, of the bottom having a cone-form raised center extending upward to an extent approximately equal to half the diameter of the bottom of said bowl, said bottom having depending

ears provided with open slots, a transverse  
rod connecting said ears and lying in said  
slots, an operating-lever pivotally connected  
to the bowl having its fulcrum about on a  
5 level with said bottom and provided with a  
branched end portion engaging said rod at  
one end, an operating-rod connected to said  
lever at the other end, and lateral coil bottom-  
closing springs connected to said transverse

rod and the sides of the bowl, substantially as is  
specified.

In testimony whereof I affix my signature in  
presence of two witnesses.

WM. A. ATKESON.

Witnesses:

B. F. McDONALD,  
EMIL SOHN.