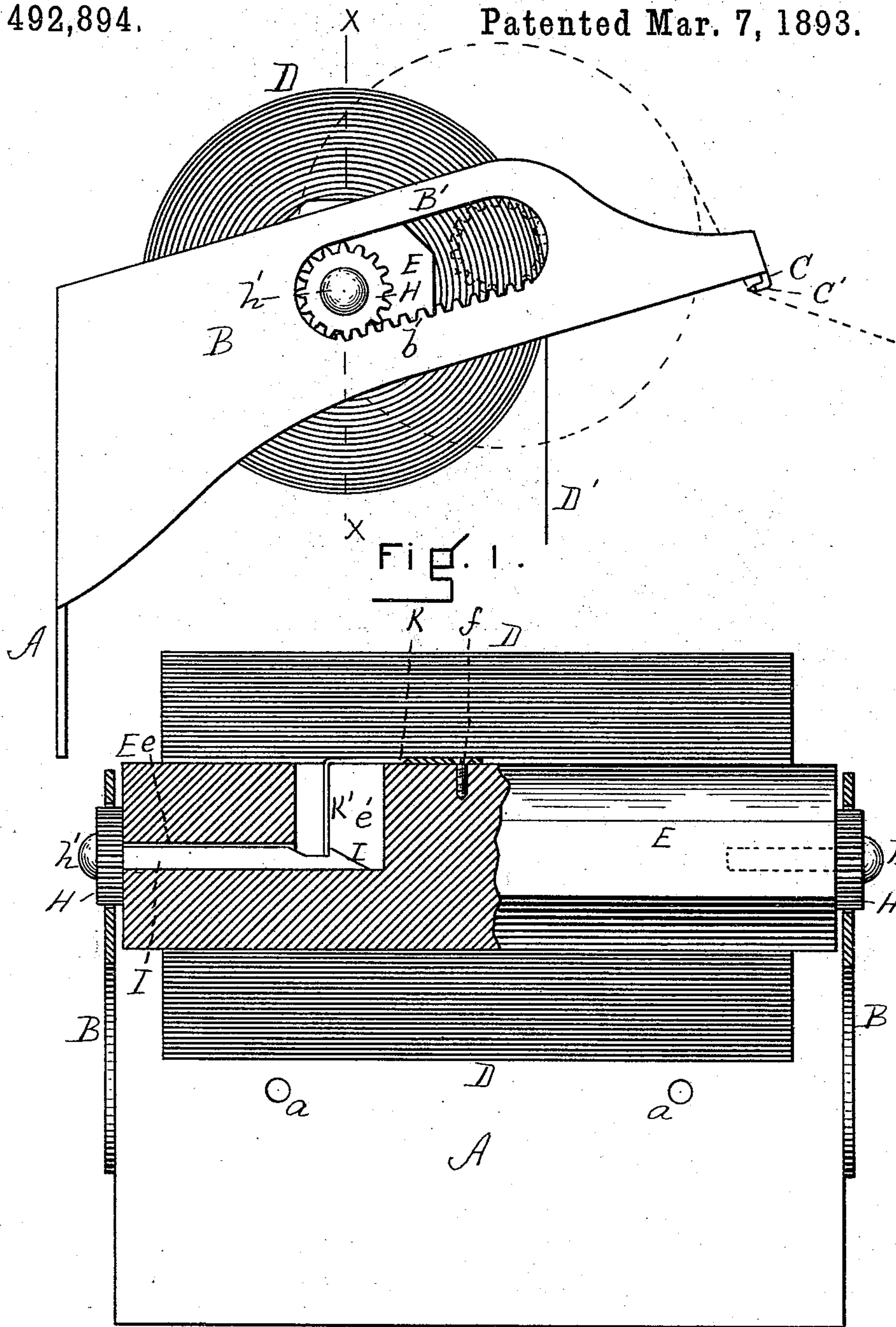


(No Model.)

G. W. REED.
TOILET PAPER HOLDER.

No. 492,894.

Patented Mar. 7, 1893.



WITNESSES
J. M. Hartnett.
B. W. Williams

FIG. 2. INVENTOR
George W. Reed,
By Mrs. Atty.
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UNITED STATES PATENT OFFICE.

GEORGE W. REED, OF DERBY, VERMONT.

TOILET-PAPER HOLDER.

SPECIFICATION forming part of Letters Patent No. 492,894, dated March 7, 1893.

Application filed August 6, 1892. Serial No. 442,314. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. REED, of Derby, in the county of Orleans and State of Vermont, have invented new and useful Improvements in Toilet-Paper Holders, of which the following is a specification.

This invention relates to holders or frames for sustaining rolls of toilet-paper such as are used in water closets, &c., but it may be employed to hold rolls of paper for other purposes, such as wrapping paper, if desired.

The nature of the invention is fully described below and illustrated in the accompanying drawings, in which
Figure 1 is a side elevation of my improved toilet-paper holder. Fig. 2 is a vertical section on line x Fig. 1.

Similar letters of reference indicate like parts.

A is a back plate adapted by screw-holes a , or other suitable means, to be secured to a wall of a room. From this plate A parallel arms B extend at an upward angle or incline, as shown. A horizontal bar C connects the front ends of the arms B, said bar having its lower edge C' turned rearward and serrated in the ordinary manner. The arms B are provided with inclined slots B', the inclination being upward from the rear. The lower edges of these slots are provided with teeth b , while the upper edges are plain.

D is the roll of paper wound upon the core E. Gear wheels or pinions H are secured by means of screws or bolts h h' to the opposite ends of this core, and said wheels H lie within the slots B' in engagement with the teeth b .

When it is desired to remove a piece of pa-

per from the roll, the end D' is pulled down, thus unwinding the paper and rotating the roll D. The rotation of the roll causes the pinions to rotate and travel up the slot B' over the teeth b until the paper brings up against the serrated edge C' of the front bar C, the parts taking the positions shown in broken lines in Fig. 1. The end D' of the paper is then torn off against the edge C', and the released roll D rolls back into the position shown in full lines in Fig. 1.

In order to prevent the core from being removed from the holder until the paper has been used up, I extend from the bolt h' a hook I which projects into a suitable opening e in the core. Upon the periphery of the core I screw at f a plate K whose end K' bends at right angles into an opening e' in the core and engages the hook I, said opening e' connecting with the opening e . Thus it will be seen that the screw f cannot be reached until the paper has been removed and hence the core cannot be removed from the holder.

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

The paper-holder described, comprising the back-plate, arms provided with upwardly inclined slots B' having teeth cut in their lower edges, serrated front plate C, and core provided rigidly with gear wheels H lying in said slots and engaging the teeth b therein, substantially as set forth.

GEORGE W. REED.

Witnesses:

C. A. PROUTY,
J. E. FARRELL.