

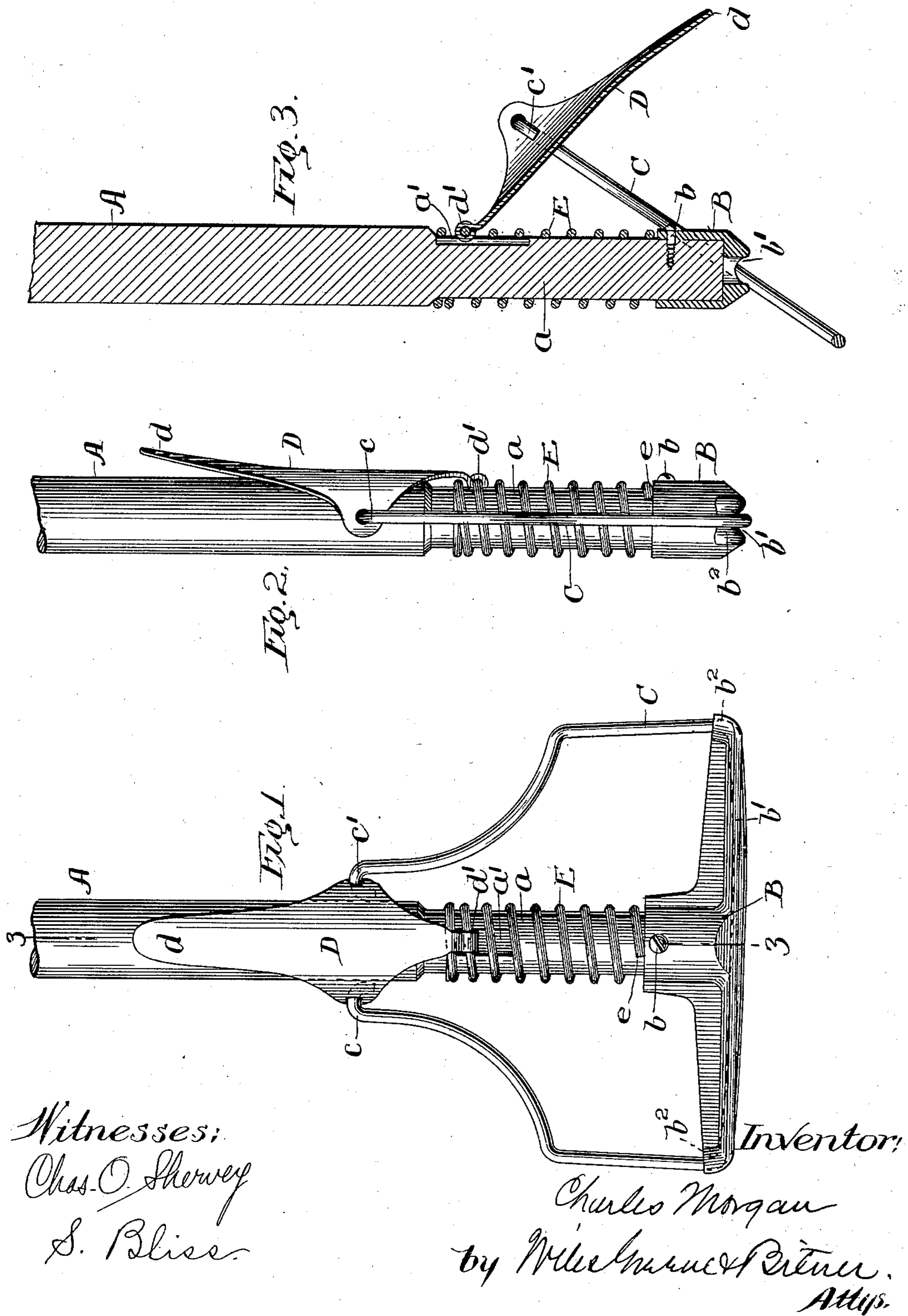
No. 685,858.

Patented Nov. 5, 1901.

C. MORGAN.
MOP HEAD.

(Application filed Aug. 15, 1901.)

(No Model.)



UNITED STATES PATENT OFFICE.

CHARLES MORGAN, OF FREEPORT, ILLINOIS, ASSIGNOR TO ARCADE MANUFACTURING CO., OF FREEPORT, ILLINOIS, A CORPORATION OF ILLINOIS.

MOP-HEAD.

SPECIFICATION forming part of Letters Patent No. 685,858, dated November 5, 1901.

Application filed August 15, 1901. Serial No. 72,108. (No model.)

To all whom it may concern:

Be it known that I, CHARLES MORGAN, a citizen of the United States of America, residing at Freeport, in the county of Stephenson and State of Illinois, have invented certain new and useful Improvements in Mop-Heads, of which the following is a specification.

My invention relates to certain improvements in mop-heads, the object of which is to produce a cheap article of good appearance having a minimum number of parts and which shall be at the same time durable and efficient in operation.

To such end the invention consists in certain characteristic improvements, which will be described in connection with a complete mop-head and which will be clearly pointed out in the claims.

In the drawings, Figure 1 is a side elevation of the mop-head; Fig. 2, an edge elevation thereof; and Fig. 3, a longitudinal section diametrical of the stick and at right angles to the greatest extent of the head, as is shown by the line 3 3 of Fig. 1.

Referring to the drawings, A is the stick or handle, and B a T-shaped end, usually a casting, secured to the stick at *b* and provided along its lower face with a groove *b'* and at each end with a notch *b*². A yoke C, usually of wire, is preferably fitted to this groove and the terminal notches and coöperates with the T-shaped end to grasp the mop-rags and hold the same. The yoke C extends backward upon the stick, where the ends *c c'* are pivoted in a lever D, one end of which, *d*, is adapted for grasping by the hand and the other end of which, *d'*, is formed into an eye through which is passed one of the coils of a coiled spring E, resting at the end *e* upon the casting B. The stick A is reduced along the portion *a* occupied by the spring, and is preferably grooved at *a'* to accommodate and guide the inner portion of the eye *d'* of the lever.

This construction has many advantages. It affords the quick and powerful toggle opening and closing of the jaws of the mop and also the spring-pressure upon the mop-rags, and it does this with a minimum number of parts, all of which are constructed and arranged so as to be cheap to manufacture and durable. Furthermore, the connection

of the lever D with the spring is such that by rotating said spring a greater or less extent of the spring may be brought between the end of the lever and the casting B, thus affording an adjustment of the tension of the spring upon the rags. The end of the lever D is guided in the mop-stick itself by the groove *a'*, so that without the necessity for any intermediate parts the spring and lever are held in the proper relative positions and undesirable lateral movement is avoided.

Fig. 3 shows the jaws of the mop open or separated, and the other figures show them brought together and the spring under tension.

More or less variation as to exact form and detail is possible without departing from the invention which it is intended to cover.

I claim as new and desire to secure by Letters Patent—

1. In the mop head, or holder, the combination with a suitable handle having a T-head at its lower end, of a coiled spring encircling the handle near the head and secured at its lower end against bodily movement toward the latter, a yoke embracing the head and extending upward along the handle, and a lever pivoted between its ends to the upwardly-extending portion of said yoke and at one of its ends pivotally connected to one of the coils of said spring.

2. A mop-holder comprising a stick having a T-shaped head thereon at one end, a coiled spring mounted upon said stick, a yoke guided in the T-shaped head and adapted to coöperate therewith to hold the mop, said yoke extending backward along the stick and a lever pivoted between its ends to the backwardly-extending portions of the yoke and at one of its ends, upon one of the coils of the spring, said spring being freely movable through said pivoted end to vary the active length of the same between the lever and the T-shaped head; substantially as described.

3. In a mop-holder, the combination with a handle provided with a T-head at its lower end and having near the head a longitudinal groove in its surface, of a coiled spring encircling the handle near the head and secured at its lower end against bodily movement toward the latter, a yoke embracing the head

and extending upward along the handle, and
a lever pivoted between its ends to the up-
wardly-extending portion of the yoke and hav-
ing one end pivotally connected to one of the
5 coils of said spring and lying in said groove.

In witness whereof I have hereunto set my
hand at Freeport, in the county of Stephen-

son and State of Illinois, this 18th day of July,
A. D. 1901.

CHARLES MORGAN.

Witnesses:

T. E. BOEDEKER,
BERT HERBIG.