

F. I. JOHNSON.
COMBINED BRUSH AND CLEANING ROD.
APPLICATION FILED FEB. 24, 1908.

966,100.

Patented Aug. 2, 1910.

Fig. 1.

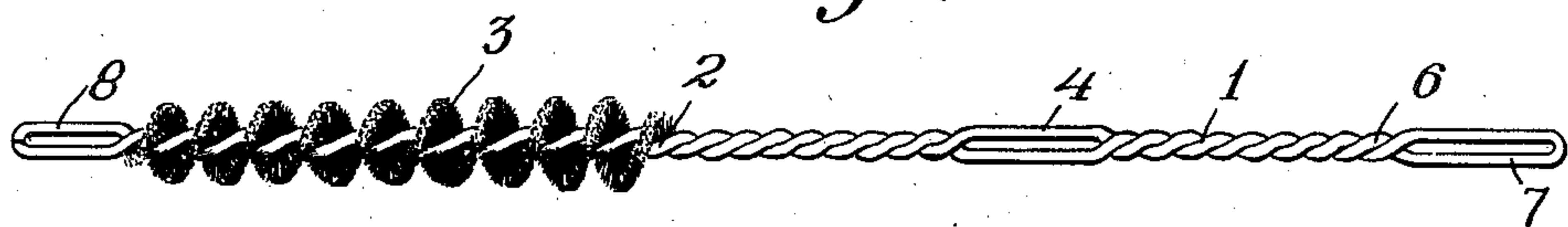


Fig. 2.

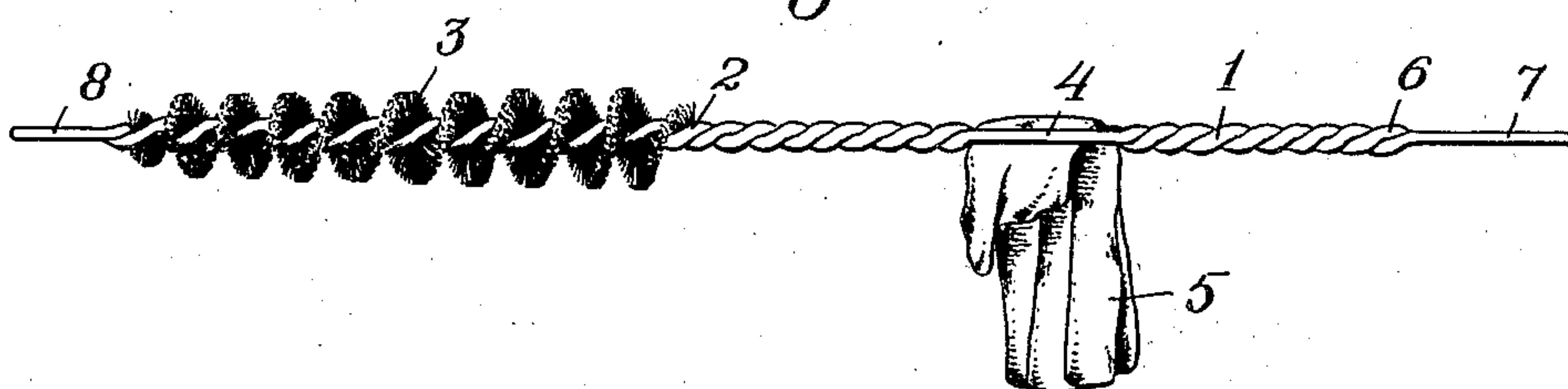
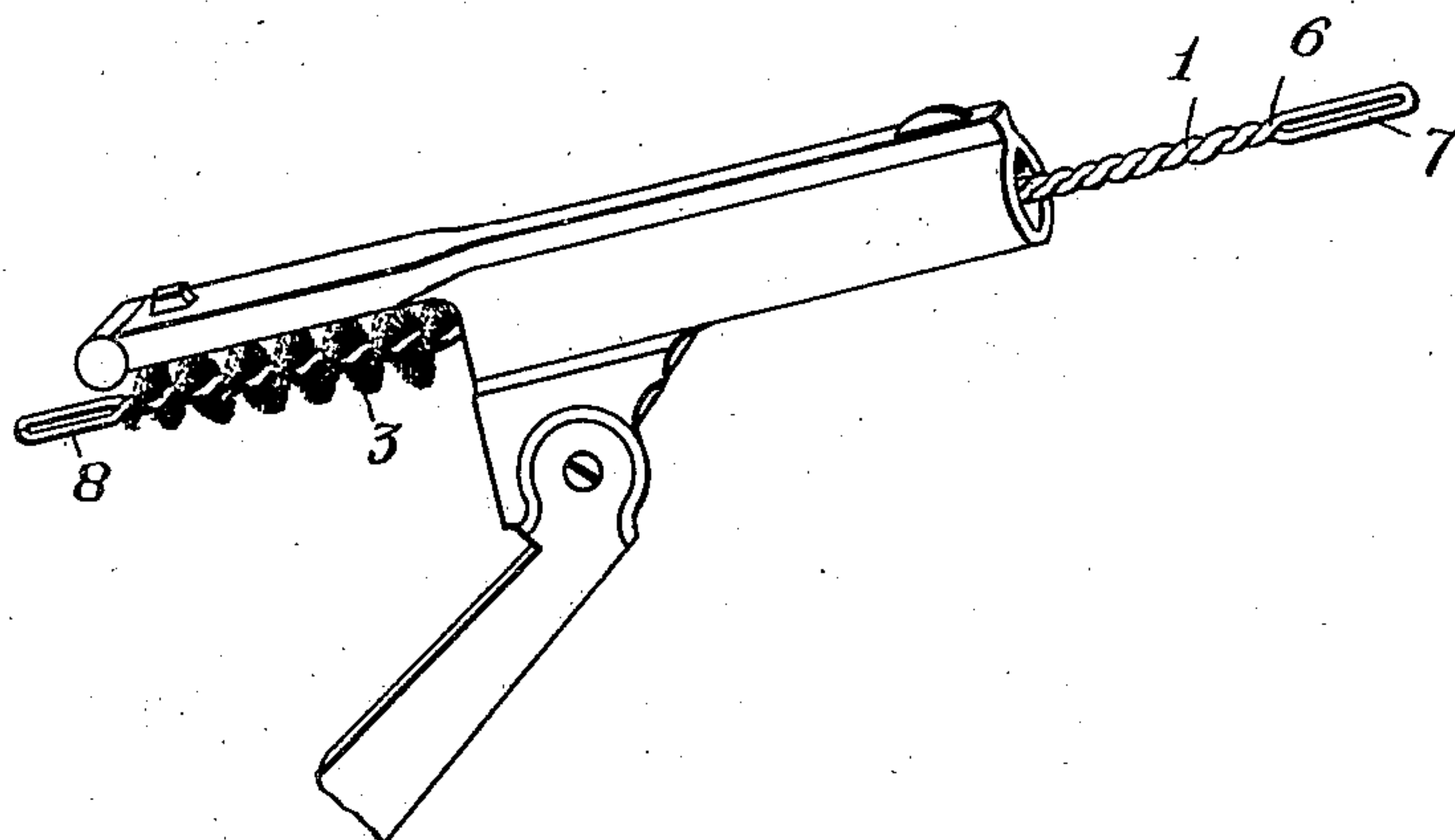


Fig. 3.



Witnesses

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COMBINED BRUSH AND CLEANING-ROD.

966,100.

Specification of Letters Patent.

Patented Aug. 2, 1910.

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To all whom it may concern:

Be it known that I, FREDERIC I. JOHNSON, a citizen of the United States, residing at Fitchburg, in the county of Worcester and Commonwealth of Massachusetts, have invented certain new and useful Improvements in a Combined Brush and Cleaning-Rod, of which the following is a specification, accompanied by drawings forming a part of the same, in which—

Figure 1 is a side view of my improved cleaning rod. Fig. 2 is the same with a cleaning cloth attached. Fig. 3 is a perspective view of a revolver barrel detached, showing the position of my cleaning rod in use.

Similar reference figures refer to similar parts in the different views.

My invention relates to an improved cleaning rod for pistols and other firearms in which various cleaning implements are combined in a single rod, and it consists in the construction and arrangement of parts as hereinafter described and pointed out in the annexed claims.

Referring to the accompanying drawings 1 is a rod preferably of twisted wire, but which may be constructed of any material possessing sufficient rigidity and of the proper diameter to be inserted in the barrel of the firearm to be cleaned. I have shown a cleaning rod arranged for pistols and revolvers and so comparatively short, but it is obvious that the length of the cleaning rod may be arranged to correspond with the length of barrel in any firearm for which the cleaning rod is designed. Near one end 2 of the rod 1 is a brush 3 arranged concentric with and at right angles to the rod 1, as is usual in cleaning rods as at present constructed. Near the center of the rod a loop or holder 4 is constructed in the rod 1 arranged to receive a cleaning cloth or swab 5, which is inserted in the barrel to complete the cleaning process, and by means of which oil or similar substance may be applied to the interior of the barrel.

I am aware that similar loops have been formed in the end of a cleaning rod for a similar purpose, but so far as I am aware the location of the loop near the center of the cleaning rod is entirely novel. In this position the cleaning swab may be either pushed or pulled through the barrel, by

alternate applications to the ends of the rod while the swab is within the barrel. In this way the entire manipulation of the swab in both directions is accomplished by either a pushing or pulling strain, the latter enabling a flexible rod to be used which may be rolled or folded in a small compass.

In the ordinary construction of the rod a pushing strain must be applied in one direction and for movement in the opposite direction the rod must be pulled backward. As the cleaning and oiling of the interior of the barrel is most thorough when the swab approximately fills the barrel and is a tight fit therein, the advantages of providing for the movement of the swab in both directions by a pushing strain are apparent. As in my improved cleaning rod the swab 5 and brush 3 are arranged upon the same rod, the change in position of the swab also affords a handle end 6 free from dirt or grease opposite the brush end 2. I provide the handle end 6 with a loop 7 and the brush end with a smaller loop 8. In the loops 7 and 8 cloths may be held for cleaning or oiling other parts of the firearm. These loops or holders 4, 7 and 8 may be varied in size or shape as desired, all that is necessary being to provide means for holding the cleaning cloths or swabs securely in the performance of their various functions.

In the use of my improved cleaning rod the brush 3 is used to clean the barrel in the usual manner. A cleaning cloth or swab is placed in the loop 4 and inserted in the barrel, the rod being held by the handle end 6. The swab is reciprocated in the barrel by force applied upon either end of the cleaning rod to complete the cleaning. Oil may be applied by the swab in a similar manner. To clean and oil restricted portions of the mechanism of the firearm, the cleaning rod is held by the handle end 6, a swab is placed in the loop 7, thus enabling me to reach other portions of the mechanism and to clean and oil them by the use of the same cleaning rod. The combination of these various instrumentalities in one rod affords a complete cleaning apparatus for all parts of the firearms.

I claim,

1. A rigid cleaning rod, having loops at both ends and at the center of the rod, said loops arranged for the insertion of a clean-

ing cloth, and a cleaning brush near one end of said rod within the loop.

2. A cleaning rod, made of double strands of wire twisted together, with the strands
5 separated at both ends and in the center of the rod to form loops for detachably attaching a cleaning cloth to said rod, and a

brush attached near one end of said rod within the loop.

Dated this 15th day of February, 1908. 10

FREDERIC I. JOHNSON.

Witnesses:

S. J. FRANCIS,
GRACE P. POOR.