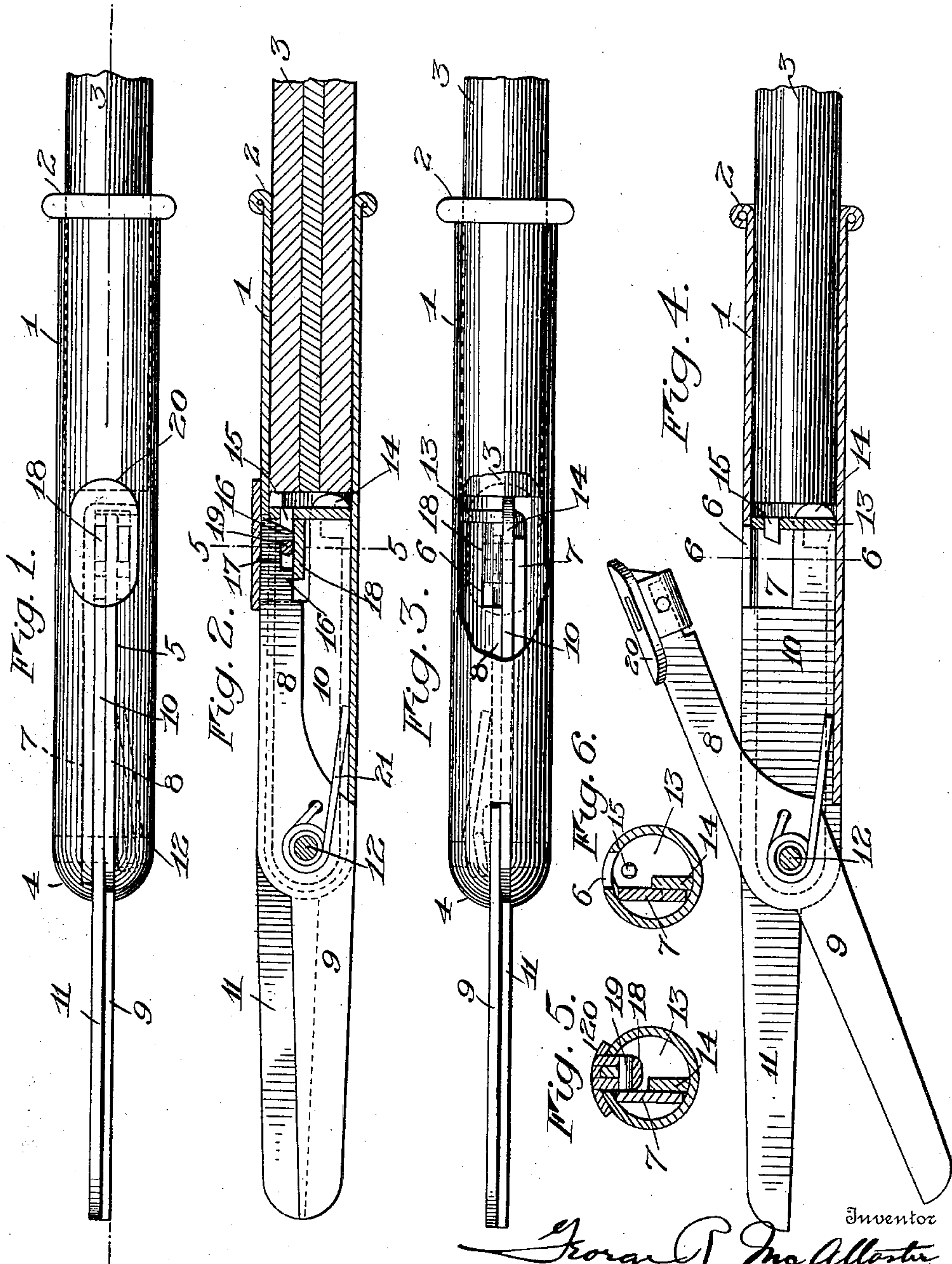


No. 890,687.

PATENTED JUNE 16, 1908.

G. R. McALLASTER.
SCISSORS.

APPLICATION FILED SEPT. 30, 1907.



Witnesses

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SCISSORS.

No. 890,687.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE R. McALLASTER, of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Scissors; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the reference-numerals marked thereon.

My present invention relates generally to combination cutlery implements and it has for its object to provide a simple yet strong and durable scissors attachment adapted to be removably or otherwise secured to the end of a pencil or similar article, the blades of which will be so disposed, when not in use, as to permit the combined device to be conveniently handled or carried in the pocket of the user.

My improvements are further directed toward the constructive operation and arrangement of the different parts and particularly of the devices for retaining the blades in folded position.

To these and other ends the invention consists in certain improvements and combinations of parts all as will be hereinafter more fully described, the novel features being pointed out in the claims at the end of the specification.

In the drawings: Figure 1 is a top plan view of a pair of scissors constructed in accordance with my invention and attached to a pencil the blades being folded. Fig. 2 is a longitudinal central section thereof on the line 2—2 of Fig. 1. Fig. 3 is a bottom plan view with portions of the stock broken away to reveal the locking parts. Fig. 4 is a section similar to that shown in Fig. 2, but with the blades released and ready for use. Fig. 5 is a transverse section on the line 5—5 of Fig. 2 and Fig. 6 is a transverse section on the line 6—6 of Fig. 4.

Similar reference numerals in the several figures indicate similar parts.

In the embodiment illustrated, 1 indicates a tubular stock having an open end 2 fitting the end of a pencil 3, while the opposite end is preferably closed as indicated at 4. Bisecting the latter end and extending for some distance along one of the side walls is a central longitudinal slot 5 terminating in a lateral opening or enlargement 6. Arranged within the stock and longitudinally thereof,

are a plate 7, the shank portion 8 of a projecting movable blade 9 and the shank portion 10 of a cooperating fixed or rigid blade 11, the latter being intermediate the other two, and all being secured by a pin 12 extending through each and through the opposite walls of the stock. The said pin furnishes a pivotal bearing upon which the movable blade rocks, the shank portion thereof operating in the slot 5. The inner end of the plate 7 is bent at right angles and properly shaped to form a transverse wall 13 adjacent the opening 6, having a cutaway portion within which the reduced inner end 14 of the blade is anchored and provided with an abutment 15. Either the said end 14 or the wall forms a stop against which the end of the pencil or other device abuts to determine its true position within the stock.

Near the extremity of the shank of the movable blade are arranged two abutments 16 formed by an indentation 17 on its under side and slidably mounted on the shank is a U-shaped catch 18 having a limited movement controlled by a pin 19 operating in the indentation between the abutments 16, and carrying a preferably flat plate or button 20 sliding on the exterior of the stock and by means of which the catch may be conveniently operated into or out of engagement with the abutment 15 on the wall plate 13, the blades always having a tendency to separate for use through the influence of a spring 21 and the tension of which tends to hold the catch in locked engagement against any jarring movement. The catch is accommodated within the opening 6 and both it and the latter are completely concealed, normally, by the operating button 20. The latter being flat and conforming closely to the surface of the stock, provides an attractive exterior without bulky parts which would be liable to catch upon the clothing when the device is carried in the pocket.

I claim as my invention:

1. The combination with a tubular stock, open at one end and provided with a rigid blade at the other, of a second blade pivoted relatively to the first at the same end of the stock and having a shank portion extending in the direction of the latter and means for locking the said shank portion to the stock.

2. The combination with a tubular stock, open at one end and provided with a rigidly connected blade and a slot adjacent thereto at the other, of a second blade pivoted rela-

tively to the first at the same end of the stock and having a shank portion operating in the slot therein and means for locking the said shank portion to the stock.

5 3. The combination with a stock provided with a rigidly connected blade at one end and with a slot adjacent thereto, of a second blade pivoted relatively to the first and having a shank portion operating in the slot in the stock, means for locking said shank to the latter and a controlling member for the locking means arranged to slide upon the stock.

4. The combination with a tubular stock provided with a blade and a slot adjacent thereto and an opening communicating with the slot, of a second blade pivoted relatively to the first and having a shank portion operating in the slot and means carried by said shank portion for locking the latter to the stock and arranged within the opening when the parts are locked together.

5. The combination with a tubular stock provided with a blade and a slot adjacent thereto and an opening communicating with the slot, of a second blade pivoted relatively to the first and having a shank portion operating in the slot, a sliding catch carried by said shank portion for locking the latter to the stock and arranged within the opening when the parts are locked together and a button connected to the catch and slidable upon the exterior of the stock.

6. The combination with a stock and a blade pivoted thereto, of an abutment on one of said members, a sliding finger piece on the other movable into and out of engagement with the abutment and a second blade carried by the stock and cooperating with the first.

7. The combination with a stock provided with an abutment and a fixed blade carried by the stock and projecting from one end thereof, of a movable blade pivoted to the stock to cooperate with the fixed blade and a finger piece on the pivoted blade movable into and out of engagement with the abutment on the stock.

8. The combination with a stock provided with an abutment and carrying a blade, of a second blade pivoted to the stock to cooperate with the first and having a shank

portion provided with two abutments, and a sliding catch operating between the abutments on the shank portion and movable into and out of engagement with the abutment on the stock.

9. The combination with a stock provided with an abutment and carrying a blade, and a second blade pivoted to the stock to cooperate with the first and having a shank portion provided with two abutments formed by an indentation on one of its sides, of a catch movable on the shank portion of the pivoted blade, into and out of engagement with the abutment on the stock and provided with a member lying in the indentation in the shank.

10. The combination with a tubular stock provided with a longitudinal slot, of a blade having a shank portion lying within the stock, the latter being of greater length than the shank and a second blade pivoted relatively to the first and operating in the slot in the stock.

11. The combination with a tubular stock provided with a blade and with a slot adjacent thereto and having a transversely extending wall plate, carrying an abutment arranged therein, of a second blade pivoted relatively to the first and having a shank portion operating in the slot in the stock and a catch carried by said shank portion and movable into engagement with the abutment on the wall plate.

12. The combination with a tubular stock having a slot therein and a longitudinally extending plate within the stock having a portion bent at right angles to form a transverse wall within the latter, said wall being provided with a cutaway portion and with an abutment of a blade having a shank portion arranged within the stock and entering the cutaway portion of the wall, a pin extending through the stock, the blade and the plate, a second blade pivoted on the pin and having a shank operating in the slot in the stock and a catch on the shank of said second blade movable into engagement with the abutment on the wall.

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