July 15, 1958 C. HUBBERT 2,842,853

PISTOL SHAPED RULE CASE

Filed Jan. 15, 1954 2 Sheets-Sheet 1

FIG. 1.

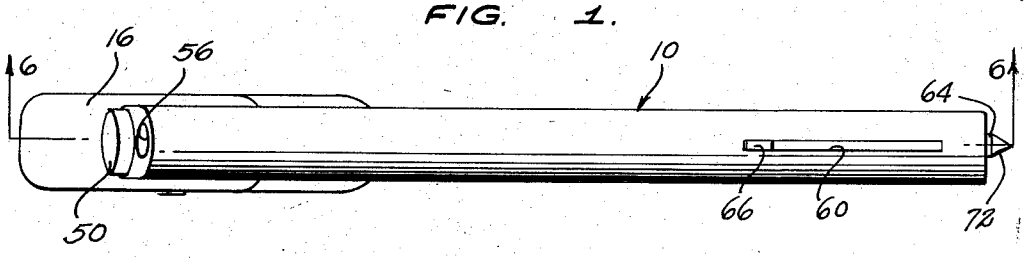


FIG. 2.

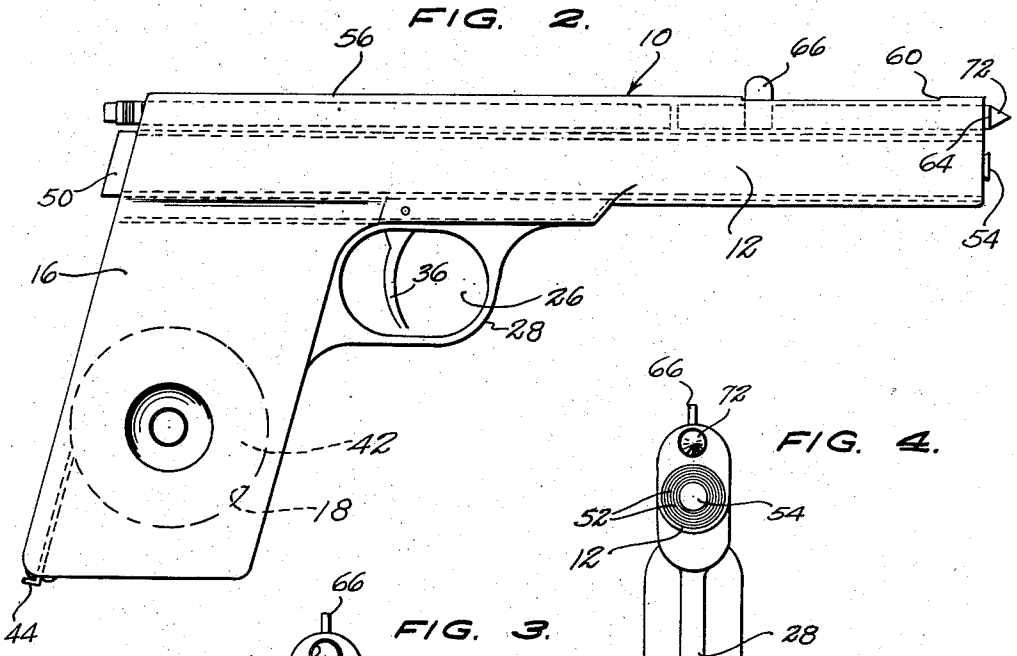


FIG. 3.

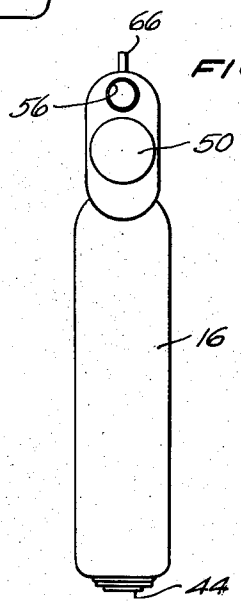
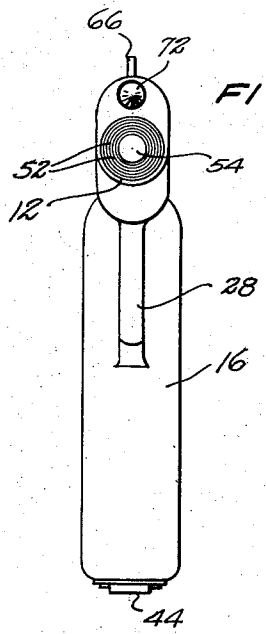


FIG. 4.



INVENTOR.

CLINT HUBBERT,

BY

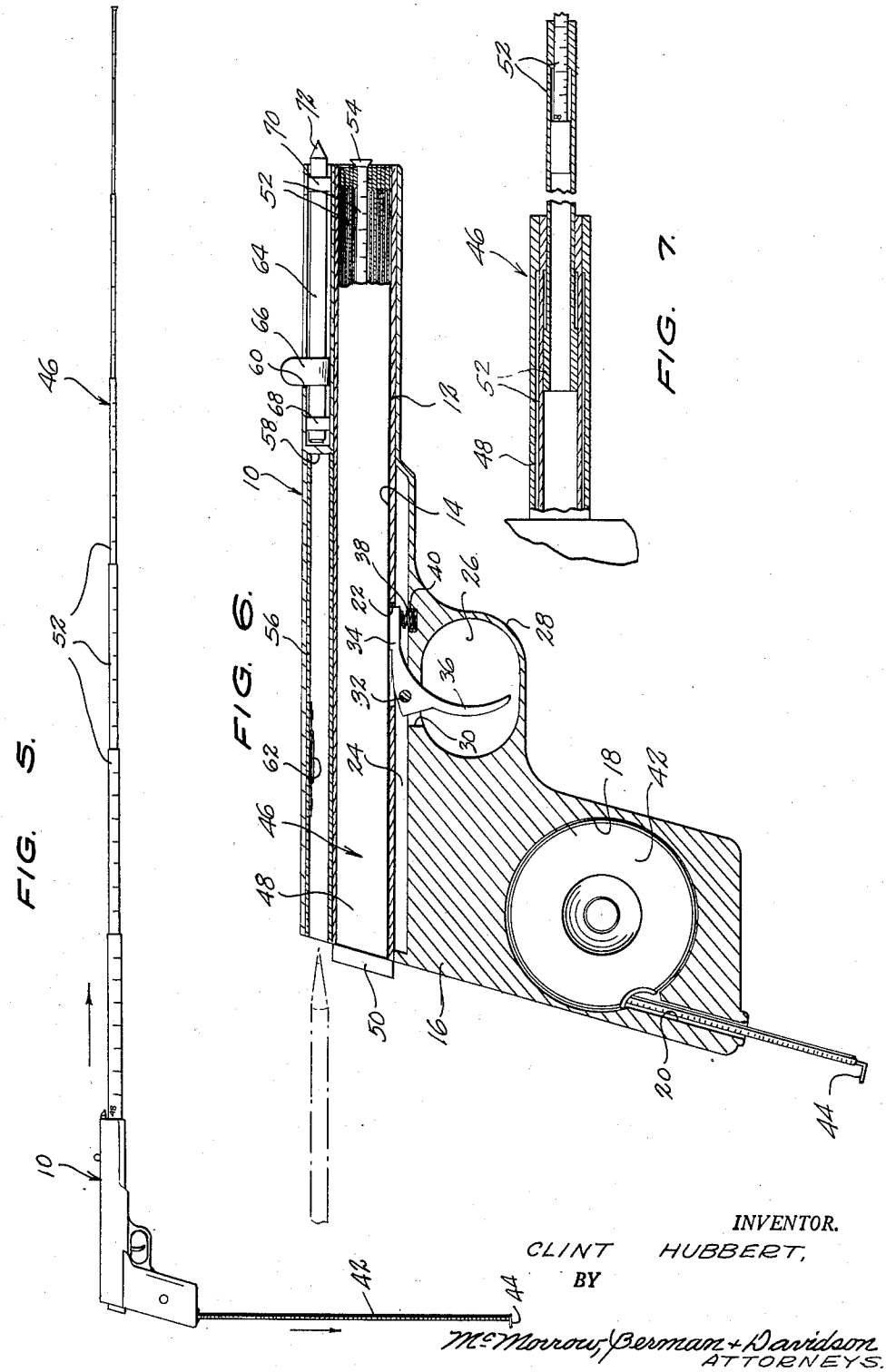
McMorrow, Berman & Davidson

ATTORNEYS.

July 15, 1958 C. HUBBERT 2,842,853

PISTOL SHAPED RULE CASE

Filed Jan. 15, 1954 2 Sheets-Sheet 2



United States Patent Office 2,842,853 Patented July 15, 1958

2,842,853

PISTOL SHAPED RULE CASE

Clint Hubbert, Guin, Ala.

Application January 15, 1954, Serial No. 404,188

3 Claims. (Cl. 33—138)

This invention relates to a pistol-shaped combined rule and measuring tape device.

The primary object of the invention is to provide a simple, more efficient, more versatile and more convenient device of this kind, which in addition to providing rule and tape measuring components, incorporates a marking pencil and tape anchor pin.

Other important objects and advantageous features of the invention will be apparent from the following description and the accompanying drawings, wherein, for purposes of illustration only, a specific form of the invention is set forth in detail.

In the drawings:

Figure 1 is a top plan view of a device embodying the features of this invention;

Figure 2 is a side elevation of Figure 1;

Figure 3 is a left-hand end view of Figure 1;

Figure 4 is a right-hand end view of Figure 1;

Figure 5 is a side elevation on a reduced scale, similar to Figure 2, showing the rule and the tape extended;

Figure 6 is a longitudinal sectional view taken substantially on the line 6—6 of Figure 1; and

Figure 7 is a fragmentary contracted side elevation partially in section showing the telescopic rule partially extended.

Referring to the drawings in detail, the improved device therein shown and designated generally **10** comprises a barrel **12** having a bore **14** extending longitudinally therethrough. Carried by the barrel at its rear end and extending laterally outwardly therefrom is a pistol grip **16** having a circular chamber **18** intermediate its sides and a passage **20** which communicates with the chamber **18** and opens through the butt end of the pistol grip remote from the barrel **12**. Formed in the underside of the barrel **12** intermediate the ends thereof is an opening **22** which opens into the forward end of a longitudinal passage or chamber **24** formed in the pistol grip **16** along the barrel **12** and extending into an opening **26** which extends through the pistol grip and defines a trigger guard **28**. An opening **30** extends between the chamber **24** and the opening **26**.

Pivotally mounted as at **32** in the passage **24** and extending through the barrel opening **22** is a latch **34** having a depending trigger **36** which extends through the opening **30** and into the opening **26** between the trigger guard and adjacent the pistol grip **16**. It will thus be seen that movement of the trigger **36** will cause the latch **34** to move in an arcuate path about the pivot **32** and into and out of the bore **14** of the barrel **12**. An expanding coil spring **38** is seated in a recess **40** formed in the pistol grip **16** which recess opens into the chamber **24** in registration with the opening **22** and urges the latch **34** upwardly into the barrel bore **14**.

Mounted in the chamber **18** in the pistol grip is a conventional spring wound measuring tape **42**, the free end of which is projected through the passage **20** and is

equipped with a stop **44** arranged to engage the butt end of the pistol grip **16** on the winding up of the tape.

Entering the rear end of the barrel bore **14** is a rule designated generally **46** which comprises a tubular case **48** having on its rear a head **50** which is adapted to engage the rear end of the barrel **12** and telescoped in the case **48** are telescopic rule sections **52** which, as illustrated in Figure 5, are adapted to be extended longitudinally relative to one another to provide a relatively stiff and rigid measuring rule. The innermost telescopic section **52** is provided on its forward end with a head **54** which forms a finger grip by means of which the rule may be extended, as illustrated in Figure 5.

Mounted on the upper side of the barrel **12** is a longitudinal tube **56** which is provided intermediate its ends with a partition wall **58** and a longitudinal slot **60** is formed in the top of the tube **56** and extends from the partition wall **58** through the forward end of the tube **56**, the purpose of which is hereinafter described. A longitudinal leaf spring **62** is secured within the tube **56** adjacent the rear end thereof to act as a gripping device for frictionally engaging a pencil inserted into the rear end of the tube **56**.

Slidably inserted in the forward end of the tube **56** is an anchor pin **64** carrying intermediate its ends a finger grip **66** which projects laterally outwardly through the slot **60** to facilitate longitudinal movement of the pin **64** relative to the tubular body **56** and barrel **12**. Suitable slide rings **68** and **70** are carried respectively by the anchor pin **64** and the tube **56**, and formed on the forward end of the anchoring pin **64** which is disposed forwardly beyond the end of the tube **56** and the barrel **12** is a sharpened point **72** which facilitates insertion of the anchor pin **64** into the ground.

In use, when it is desired to measure relatively short distances, i. e., amounting to only four feet or so, the telescopically extensible rule **46** is extended, as illustrated in Figure 5, or if preferred, the rule case **48** and the telescopic portions **52** thereof may be removed as a unit from the barrel **12** by simply pulling rearwardly on the trigger **36** so as to depress the latch **34**, against the resistance of the spring **38**, out of holding engagement with the rule and then exerting rearward pull on the head **50**. When the device is to be used for measuring relatively long distances, the anchoring pin **64** is removed from the forward end of the tube **56** and thrust into the ground. The free end of the tape **42** is then engaged with the anchor pin and the tape **42** unsealed from the chamber **18** to the extent required.

While in the foregoing there has been shown and described the preferred embodiment of this invention, it is to be understood that minor changes in the details of construction, combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as claimed.

What is claimed is:

1. In a rule case, an elongated barrel having a forward end and a rearward end and a smooth longitudinal bore, a pistol grip including a trigger guard fixed on the barrel near its rearward end, said trigger guard having an opening , said pistol grip having a chamber extending longitudinally of the barrel, said barrel having a side wall provided with an opening communicating with said chamber and said pistol grip having an opening reaching to and between said chamber and the trigger guard opening, an elongated latch having a forward end and a rearward end, said latch being positioned longitudinally in said chamber with its forward end extending through the barrel side wall opening, means pivoting the rearward end of the latch on the pistol grip, a trigger on the rearward end of said latch extending through the pistol grip opening into

the trigger guard opening, spring means acting between the pistol grip and the forward end of the latch and urging the forward end of the latch through the barrel side wall opening into the barrel bore, and a removable rigid rule slidably engaged in the barrel bore and retainably held in place therein by the forward end of the latch, said rule having a forward end and a rear end having an enlarged head engaging the rearward end of the barrel so as to preclude forward movement of the rule in the barrel beyond a position in which the forward end of the rule is at the forward end of the barrel.

2. In a rule case, an elongated barrel having a forward end and a rearward end and a smooth longitudinal bore, a pistol grip including a trigger guard fixed on the barrel near its rearward end, said trigger guard having an opening, said pistol grip having a chamber extending longitudinally of the barrel, said barrel having a side wall provided with an opening communicating with said chamber and said pistol grip having an opening reaching to and between said chamber and the trigger guard opening, an elongated latch having a forward end and a rearward end, said latch being positioned longitudinally in said chamber with its forward end extending through the barrel side wall opening, means pivoting the rearward end of the latch on the pistol grip, a trigger on the rearward end of said latch extending through the pistol grip opening into the trigger guard opening, spring means acting between the pistol grip and the forward end of the latch and urging the forward end of the latch through the barrel side wall opening into the barrel bore, and a removable rigid rule slidably engaged in the barrel bore and retainably held in place therein by the forward end of the latch,

said rule having a forward end and a rear end having an enlarged head engaging the rearward end of the barrel so as to preclude forward movement of the rule in the barrel beyond a position in which the forward end of the rule is at the forward end of the barrel, said rule comprising a plurality of slidably telescoped sections including an outer section slidably fitting the barrel bore, and an inner rule section having a forward end having a forwardly projecting rule extending head.

3. In a device of the character described, an elongated barrel having open forward and rear ends, a pistol grip fixed to and projecting laterally from said barrel, a rule comprising a tubular case engaged in and extending along said barrel, said case having a forward end and a rear end, telescoped rule sections normally disposed within said case, said sections being telescopically extensible beyond the forward end of the case and beyond the forward end of said barrel for measuring distances while the device is held by said pistol grip, said rule case being slidably engaged in said barrel having an enlarged head on its rear end normally engaged with the rear end of the barrel and serving as means for rearwardly withdrawing the rule from the barrel.

References Cited in the file of this patent

UNITED STATES PATENTS

1,434,528	Crogan	Nov. 7, 1922
2,676,698	Pauly	Apr. 27, 1954

FOREIGN PATENTS

9,248	Great Britain	May 4, 1901