

No. 762,862.

PATENTED JUNE 14, 1904.

R. M. G. PHILLIPS.
ATTACHMENT FOR FIREARMS.

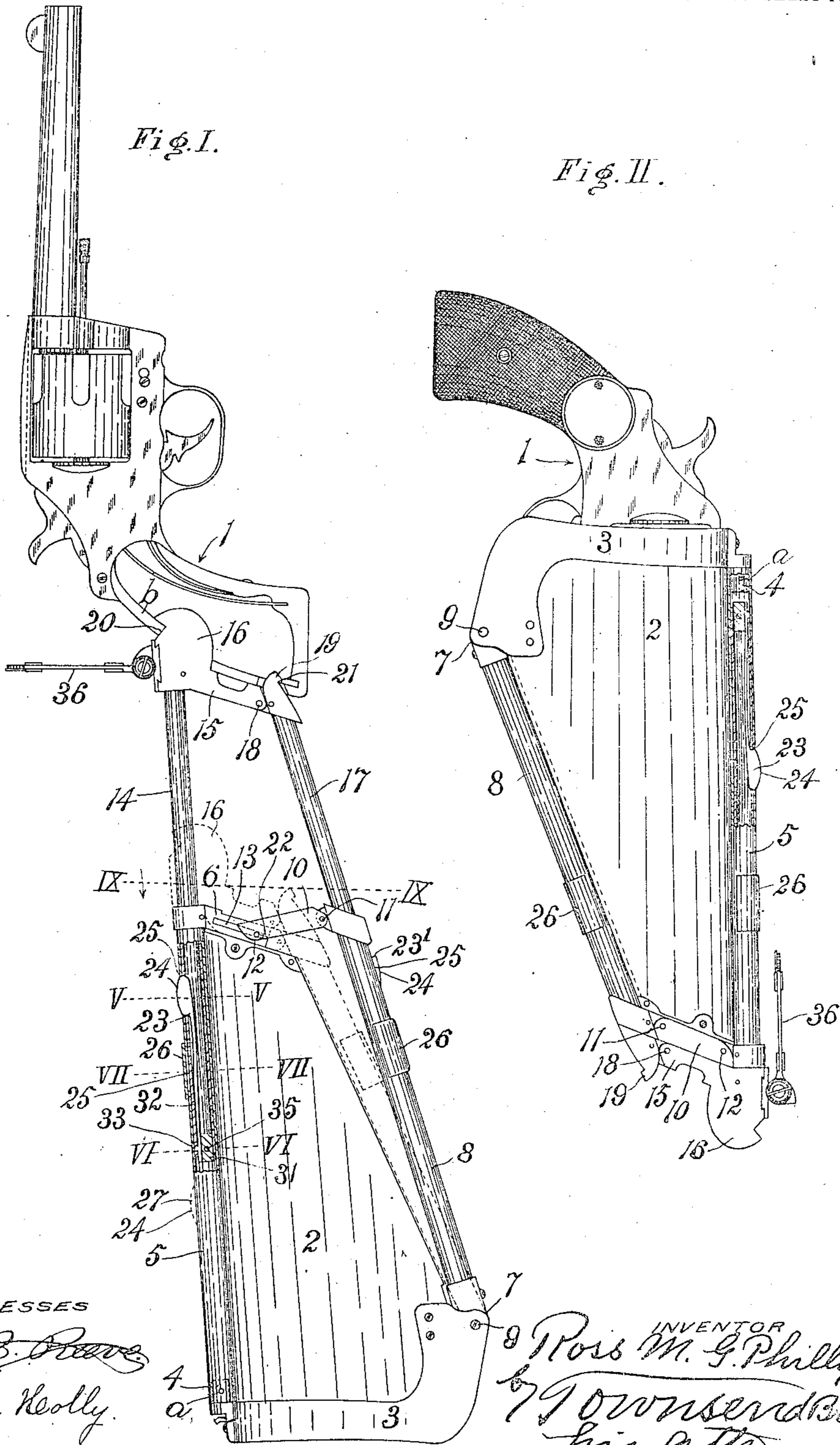
APPLICATION FILED SEPT. 9, 1901.

NO MODEL.

2 SHEETS--SHEET 1.

Fig. I.

Fig. II.



WITNESSES

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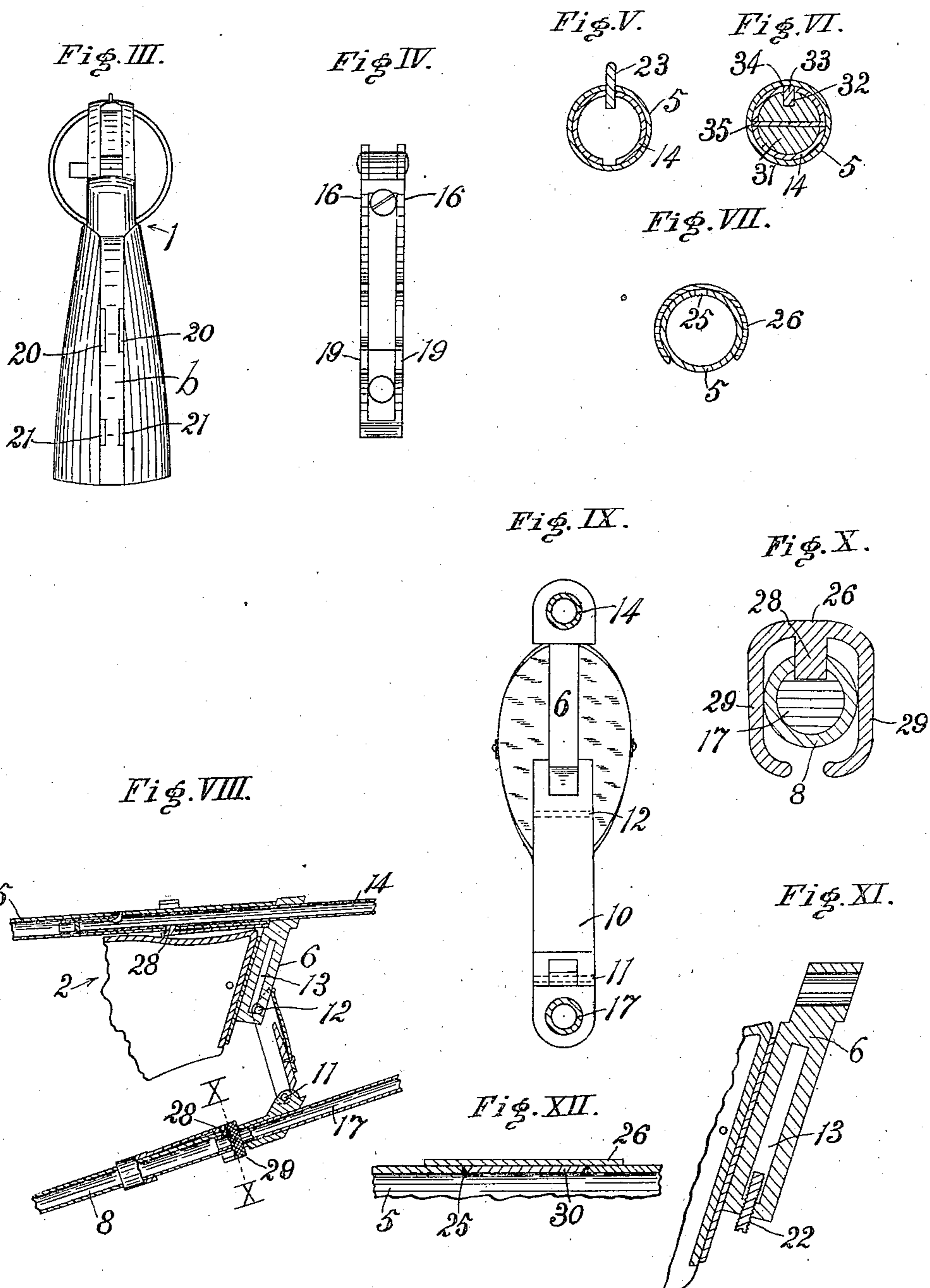
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NO MODEL.

2 SHEETS—SHEET 2.



WITNESSES
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UNITED STATES PATENT OFFICE.

ROSS M. G. PHILLIPS, OF LOS ANGELES, CALIFORNIA, ASSIGNOR TO IDEAL HOLSTER COMPANY, OF LOS ANGELES, CALIFORNIA, A CORPORATION OF CALIFORNIA.

ATTACHMENT FOR FIREARMS.

SPECIFICATION forming part of Letters Patent No. 762,862, dated June 14, 1904.

Application filed September 9, 1901. Serial No. 74,859. (No model.)

To all whom it may concern:

Be it known that I, ROSS M. G. PHILLIPS, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Attachment for Firearms, of which the following is a specification.

This invention is designed to be used for pistols, carbines, and any other gun which can be carried as a side-arm.

One object of my invention is to provide an attachment for firearms which will permit carrying the gun as a side-arm in the most convenient and compact form and yet allow the gun to be used interchangeably at pleasure with or without a shoulder-piece to rest against the shoulder.

Another object of my invention is to provide a superior detachable gun-stock.

Another object is to provide a collapsible, adjustable, and detachable gun-stock.

Another object is to provide means for combining with a gun-holster for small-arms attachments to hold the small-arm at a suitable distance from the butt of the holster, so that the butt of the holster can be rested against the shoulder as the butt of a gun and the trigger of the small-arm brought into convenient position for the finger of the marksman.

In carrying out my invention I provide means for giving the requisite rigidity to the leather sheath of a holster, and I attach to said holster an extensible frame adapted at its front end for attachment to the butt of a gun. I also provide a superior device for locking the supplemental butt or stock to the butt or breech of the gun.

A further object of my invention is convenience and facility of bringing the arm into and out of action.

Another object is to provide an extremely light stock for a firearm, and this is accomplished by combining with a shell-like shoulder-piece, which may serve as a receptacle for a large article—such, for instance, as a gun—which may be adapted for connection with said shell, of extensible rods, desirably tubular, which may support the gun when in service.

bular, which may support the gun when in service.

My invention includes the firearm, the combinations, and parts herein described and claimed.

In carrying out this invention in one form I furnish the holster with a stiffening-frame and provide a gun-holding frame slidably mounted on the stiffening-frame and provided at the front end with means for attachment to a gun, and also provide means for holding the gun-holding frame extended and retracted. I also provide a novel construction of extensible and collapsible frame for forming, with the holster, a rigid collapsible gun-stock.

This invention also comprises a holster provided with means constructed to be extended into engagement with a firearm to constitute a stock.

The holster, the extensible and non-extensible elements of the apparatus, and other devices employed may be variously constructed without departing from the broad spirit of this invention.

My invention may be carried out in various ways, and I do not confine myself to the exact construction shown.

The accompanying drawings illustrate my invention.

Figure I is a side elevation of a firearm embodying my invention applied with a gun in position for firing. Portions of the collapsible stock and of the butt of the gun are omitted to expose interior construction. Dotted lines indicate the position of parts when the stock is detached from the gun and collapsed to be used as a holster. Fig. II is a view showing the gun detached from the stock and inserted in the holster. The gun-holder is retracted. Fig. III is a fragmental rear elevation of the butt of the gun detached. Fig. IV is an elevation of the front end of the fastening devices of the gun-holder detached. Fig. V is an enlarged section on line V V, Fig. I. Fig. VI is an enlarged section on line VI VI, Fig. I. Fig. VII is a section on line VII VII, Fig. I. Fig. VIII is a sectional detail show-

ing modified forms of catch and adjustable brace for the extensible frame of the holster. Fig. IX is a section on line IX IX, Fig. I, in enlarged scale. Fig. X is an enlarged cross-sectional detail on line X X, Fig. VIII. Fig. XI is a detail showing the adjusting-stop of the toggle-brace for the pivoted extension-arm. Fig. XII is a view of a modified form of the adjustment clip or slide for regulating the length of extension of the stock.

Referring to Fig. I, 1 indicates a gun to which is detachably attached a collapsible gun-stock. In the form shown said stock comprises a shell or gun-holster 2 for said gun 1 and is provided with a stiffening-frame comprising a reinforcing-mouthpiece member 3, fastened to the holster and extending around the mouth thereof and furnished with a lug 4, a hollow rigid tubular member 5, fitted on the lug 4 and fastened thereto by a rivet *a* and extending along one edge of the holster 2 and fastened to the front end of said holster by a bracket 6, which constitutes one member of an extensible brace or tie for the gun-holder, which I will hereinafter describe. The reinforcing member 3 is furnished at the edge of the holster opposite the lug 4 with a socket 7, in which a tubular arm or member 8 is pivoted by a pivot 9.

10 indicates a link or block pivoted at 11 to the pivoted arm or member 8 and forming an adjustable member of the extensible brace for the gun-holder. The adjustable brace member or link 10 is preferably bifurcated and channeled and is fitted upon and slidably pivoted to the rigid brace member or bracket 6 by a pivot-pin 12 sliding in a slotted way 13 in the member 6.

The tubular members or arms 5 and 8 constitute a part of the collapsible gun-holder. The front portion of said gun-holder consists in an extensible frame, which I will now describe.

14 indicates a gun-holding member slidably connected with the member 5, but fixed against lateral movement and furnished at its front end with a bracket, which is preferably formed in a cross-arm 15 and is provided in front of said bracket or cross-arm with an attachment to engage the butt of the gun. 16 indicates such attachment, consisting in one or more hook-shaped lugs. In the drawings I have shown two hook-shaped lugs in front of the bracket or cross-arm 15.

17 indicates an extensible arm or member slidably connected with the pivoted arm or member 8 and pivoted at its front end to the bracket or cross-arm 15 by a pivot 18 and furnished in front of said pivot with one or more lugs or hooks 19.

20 and 21 indicate seats in the back-strap of the gun for the attaching-jaws, formed by the lugs or hooks 16 and 19, respectively. The bracket or cross-arm 15 and the jaws 16 19 constitute an attachment for securely holding

the gun. The seats 20 and 21 are preferably arranged in pairs, one upon each side of the back-strap, and the hooks 16 and 19 are also arranged in pairs to correspond with the seats. This construction will afford a more stable support laterally than would be secured by two seats only, one above the other. It also affords a very efficient means for securing the bracket to the ends of the rods or tubes, as a hole may be formed between the hooks of each pair for the insertion of the end of the tube or a screw for engaging therewith. In the form shown the hooks or lugs 16 and 19 are arranged to point in opposite directions, and means are provided for increasing and decreasing the distance between the hooks or lugs 16 and 19, as the extensible gun-holder is extended or collapsed. A spreading apart of the hooks as the gun-holder is extended results from the construction above described, the extensible member formed by the arms 8 and 17 acting as a lever, fulcrumed at 18, to throw the hook or lug 19 away from the hook or lug 16 as the bracket or cross-arm 15 is moved away from the holster 2.

The extensible brace comprising the members 6 and 10 serves to hold the extensible pivoted member composed of parts 8 and 17 rigid when the hook 19 is seated in its seat 21. In order to regulate the movement of the extensible members and to adjust the tension upon the pivoted member of the gun-holder and prevent lateral movement thereof, an adjusting-screw 22, clearly shown in Fig. XI, is arranged in the way 13, in which the sliding pivot 12 of the adjustable brace member 10 moves. Suitable means are provided for holding the gun-holder extended. 23 23' indicate spring-catches for this purpose. Any suitable form of locking device for holding the extensible parts in adjusted position may be employed. Preferably these means are approximately alike in each of the extensible members 14 and 17. The spring-catch 23 is carried inside the slidable member 14, to which it pertains, and is provided with a rounded projection 24 to enter and extend through a hole 25, the margins of which form shoulders in the member 5, which is fastened to the holster. When the catch is free and the extensible member to which it pertains is brought to the appropriate position, either extended or collapsed, the catch catches upon the margins of the catch-hole 25 and can readily be released by the user pressing upon the projecting rounded portion 24.

26 indicates a sliding clip mounted on the tubular member into which the extensible member 14 telescopes. Each of said tubular members is preferably provided with two catch-holes, seats, or stops 25 for holding the gun-holder frame in extended position at different points to adjust the length of the gun-stock to suit the marksman, and the fixed member 5 is preferably provided with a third stop-

hole 27. The clip 26 is adapted to slide over the holes 25 of its member to alternately close and open said holes. When the marksman desires to adjust the stock for extension to its greatest length, he will slide the clips 26 back into position over the holster 25 nearest the butt of the stock, thus allowing the catches 23 to invariably catch in the foremost hole. To adjust the stock to a shorter length when extended, the clips 26 will be slid forward to close the foremost of the stop-holes 25 and to open the hindmost of said stop-holes 25, so that the catches 23 23' will catch in said hindmost stop-holes. The catches 23 and 23' are reversely arranged, so that the one catches to prevent extension beyond the point desired and the other prevents retraction from such extended position. Preferably the catch 23, which catches in the fixed member 5, is arranged to prevent retraction, and the catch 23' for the pivoted member 8 is arranged to prevent undue extension. Any desired number of stop-holes may be provided. In Fig. I the member 5 is provided with an additional stop-hole 27, into which the catch 23 will seat to yieldingly hold the gun-holder in retracted position against accidental displacement. In order to allow the gun-holder to be drawn out without applying the finger to release the catch 23, the front portion of the rounded projection 24 is arranged to engage the margin of the stop-hole to be depressed thereby to allow the catch to pass when pulled forward. The reverse arrangement is employed at the other edge of the holster. Preferably the pivoted member 8 is arranged with only two stop-holes 25, into which the catch extends, so that when the gun-stock is collapsed the catch for the pivoted member is concealed within the pivoted member 8 and does not act to prevent the extension of the gun-holder. The holster and its mouthpiece 3 form the shoulder-piece of the gun-stock, and the members 5 and 8 of the gun-holding frame, together with said shoulder-piece, provide a convenient and desirable gun-stock.

In Figs. VIII and X, I have shown a modified form of the catch for the extensible members. 28 indicates a spring-catch mounted on the outer member 8 and extending through said member to catch the telescoping member 17. 29 indicates arms extending around the member 8 to prevent the displacement of the catch and also to form a finger-piece for the retraction of the catch. Fig. VIII also shows the slot 13 provided with a notch at its lower end and the link with a spring to yieldingly hold the pin 12 in said notch and lock the parts in their extended position.

In Fig. XII the clip 26 is shown furnished with an inwardly-projecting tongue 30 to enter the stop-hole 25 to prevent the catch 23 from entering and stopping therein.

In Figs. I and VI 31 indicates a plug in the telescoping member 14 for fastening the

spring 32 of the catch 23 in the member 14. 33 indicates a lug on the spring 32 extending into a hole 34 in the telescoping member 14. In assembling the parts the spring-catch will be brought into position in the member 14, and the lug 33 will be inserted into the hole 34 in said member 14, and the plug 31 will then be inserted and secured by suitable means, (indicated by the rivet 35.)

36 indicates a sight mounted on the front end of the detachable gun-holder whereby the small-arm is adapted for accurate long-range shooting.

In practice the gun and its detachable stock will ordinarily be detached from each other and the extensible device retracted and the gun will be inserted in the holster and carried in the usual way. When it is desired to discharge the gun from the hand, the gun will be withdrawn from the holster and used in the ordinary way of hand-firearms. To attach the stock to the gun, the lugs will be inserted into their seats and the extensible device drawn out, as shown in Fig. I, whereupon the attachment becomes automatically locked to the gun, and the piece is ready for instant use to be fired from the shoulder. To replace the gun, the spring-actuated catches will be pressed in and the stock collapsed, whereupon the jaws become released from their seats, and the gun will then be removed and again inserted into the holster.

What I claim, and desire to secure by Letters Patent of the United States, is—

1. A firearm comprising a gun; an extensible shoulder-piece provided with telescopic members; and means for detachably attaching the telescopic members to the gun.

2. In a firearm, a shoulder-piece; a gun-holder slidably connected with the shoulder-piece; means for fastening the gun-holder to a gun; and means for holding the gun-holder extended.

3. The combination with a shoulder-piece, of an extensible and retractable gun-holder connected therewith provided with means for detachably attaching the gun-holder to the butt of a gun.

4. The combination of a gun; a shoulder-piece therefor; a gun-holder slidably connected with the shoulder-piece; means for holding the gun-holder extended; and means for detachably attaching the gun-holder to the butt of the gun.

5. The combination of a gun furnished with seats in its butt; a detachable shoulder-piece furnished with one or more lugs to seat in said butt; a latch on said shoulder-piece to catch in said butt; means for moving said latch into and out of position for preventing the withdrawal of the lug or lugs and latch from the butt; and means for locking the latch in latched position.

6. A shoulder-piece provided with a gun-holder having a hook at one edge of the front

end thereof and a pivoted arm at the other edge of said front end pivotally connected with the shoulder-piece and provided at its forward end with a catch; and means for holding said arm from moving on its pivots.

7. A firearm comprising a gun provided with a shoulder-piece; a bracket; means for fastening the bracket to the butt of the gun; bracket-supporting means slidably connected with the main portion of the shoulder-piece; and means for holding the bracket-supporting means extended.

8. In a shoulder-piece; an extensible member fastened to one edge of the shoulder-piece and extending forward therefrom; an extensible member pivoted to the other edge of said shoulder-piece and extending forward from the shoulder-piece; a bracket at the front ends of said extensible members, and pivoted to the pivoted extensible member and fixed to the other extensible member; and means for holding said extensible members in extended position.

9. A shoulder-piece provided with a member fixed to one edge thereof; a member slidably connected with said fixed member to project from such member to form an extension from the end of the shoulder-piece and provided with a bracket at its front end, said bracket being provided with means for attachment to the butt of a gun; an extensible arm pivotally connected at one end with the shoulder-piece and pivotally connected at the other end with said bracket and also provided with means for attachment to the butt of a gun; and means for holding the parts in rigid relation with each other.

10. The combination of a gun provided in its butt with seats to receive hooks; a shoulder-piece furnished at its front end with arms provided with hooks for said seats; means for adjusting said arms to increase and decrease the distance between them; and means for locking said arms in the adjusted position.

11. The combination with a shoulder-piece, of an extensible member on one edge of the holster provided at its front end with an outwardly-projecting hook and with a bracket; an extensible member pivoted at one end to the butt of the shoulder-piece and pivoted at the other end to said bracket and provided beyond the bracket with a hook; means for locking the extensible members in their extended position; and an extensible brace connecting said extensible members with the shoulder-piece and with each other between their ends.

12. In a firearm, the combination of a shoulder-piece; a tubular member fastened to said shoulder-piece and provided with a hole for a catch; a sliding member telescoping in said tubular member and adapted and arranged at its front end for attachment to a gun; and a spring-catch carried by said sliding member inside the tubular member and adapted to enter

the hole in said tubular member to hold the sliding member in adjusted position.

13. In a firearm, the combination of a shoulder-piece; a tubular member fastened to said shoulder-piece and provided with holes for a catch; a sliding member telescoping in said tubular member and adapted and arranged at its front end for attachment to a gun; a spring-catch carried by said sliding member inside the tubular member and adapted to extend through the holes respectively in said tubular member to hold the sliding member in adjusted position and furnished with a rounded projection extending in said opening; and a slide to slide on said tubular member and to extend across the catch-holes alternately, thereby to prevent the catch from catching in the one hole and to allow it to catch in the other hole, and vice versa.

14. In a firearm, the combination of a shoulder-piece; an extensible arm fastened to one edge of the shoulder-piece and furnished at its front end with means for attachment to the butt of a gun; an extensible arm pivoted to the shoulder-piece and pivotally connected at its front end with the other arm and furnished at its front end with means for attachment to the butt of a gun; an extensible brace member fixed to the shoulder-piece; an extensible brace member pivoted to the pivoted extensible member at one end and slidably pivoted at its other end to the other extensible brace member; and an adjustable stop to stop the pivoted extensible brace member at a determined point when the extensible members are extended.

15. The combination with a shoulder-piece, of a reinforcing member at the mouth thereof; a tube fastened to said reinforcing member at one edge and extending to the front end thereof; means connecting the tube with the front end of the shoulder-piece; a tube pivoted to the said reinforcing member at the other edge of the shoulder-piece and extending along said other edge; sliding members telescoping in said tubes; means at the front ends of said members for attachment to a gun; and means for holding said sliding members in extended position.

16. The combination with a shoulder-piece, of a stiffening-frame; a frame slidably connected therewith and furnished at its front end with gun-holding means; and means for holding said frame extended.

17. The combination with a shoulder-piece, of a mouthpiece-reinforcing member furnished at one edge thereof with a lug and at the other edge with a socket; a stiffening member extending along one edge of the shoulder-piece and furnished with a socket fastened on said lug; means fastening the front end of said member to the shoulder-piece; a member pivoted in said socket and extending along the other side of the shoulder-piece; a sliding member slidably connected with the holster-

stiffening member and furnished at its front end with means for attachment to a gun; a sliding member slidably connected with the pivoted member and pivotally connected with the first-named sliding member and furnished at its front end with means for attachment to a gun; and means for holding the extensible members extended.

18. A shoulder-piece having a straight edge and an inclined edge, a tube rigidly connected therewith along the straight edge, a tube movably connected therewith along the inclined edge, and means in contact with said tubes capable of being extended to form a stock for a firearm, said means being provided with hooks for detachably engaging with a gun.

19. A shoulder-piece provided with extensible tubes, means at the outer end of said tubes for detachably connecting them with a gun, a bracket carried by one tube and a link carried by the other tube constructed to engage the bracket, said tubes being extensible to form a stock for a firearm.

20. A shoulder-piece provided with extensible devices, means at the outer ends of said devices for detachably connecting them with a gun, a slotted bracket carried by one of the devices and a link connected with the other device and engaging said slotted bracket, said devices being extensible to form a stock for a firearm.

21. A shoulder-piece provided with extensible devices, means at the outer ends of said devices for detachably connecting them with a gun, a bracket connected with one of the devices and having a slot, a link pivoted to the other device and having a pin working in said slot and means for regulating the movements of said parts when extended from the holster.

22. A shoulder-piece having a rigid and a movable tube, extensible tubes, means for connecting the extensible tubes to a gun, spring-catches constructed to lock said tubes in different positions, a bracket connected with the rigid tube and having a slot, a link pivoted to the movable tube and having a bifurcated end to receive said bracket and connected therewith by a pin moving in said slot.

23. A shoulder-piece having a rigid and a movable tube, extensible tubes, spring-catches constructed to lock said tubes in different positions, a bracket connected with the rigid tube and having a slot, a link pivoted to the movable tube and having a bifurcated end to receive said bracket and being connected therewith by a pin moving in said slot and oppositely-extending hooks upon said extensible tubes constructed to engage recesses in the back-strap of a firearm when the latter tubes are extended to form a stock.

24. A stock for firearms, comprising a shell, extensible members thereon, one of which is fixed against lateral movement, and the other is pivoted and movable toward and from the fixed one, means at the outer ends of said

members for securing them to a gun, and means for limiting the movement of the pivoted member away from the fixed member.

25. In a stock for firearms, a shell, extensible members thereon, provided with shoulders, catches for engaging with the shoulders to limit the amount of extension, and means for engaging with the catches and preventing their engagement with certain of said shoulders.

26. In a stock for firearms, a shell, extensible members thereon provided with shoulders, spring-catches for engaging with the shoulders, reciprocatory means on said members for engaging with the catches and preventing their engagement with certain predetermined shoulders.

27. In a stock for firearms, a shell, perforated extensible tubes thereon, catches in said tubes, the free end of each of said catches being shouldered and adapted to project through the perforations of its tube when they register; and clips movably mounted on said tubes, one for each catch, in position to engage with the projecting portion of its catch and prevent the same from engaging with the tubes at certain predetermined perforations.

28. In a stock for firearms, a shell, inclined extensible tubes thereon, the outer ends of which are provided with hooks for engaging with a gun, one of the tubes being pivoted to the shell and having a fulcrum near the outer end of the pivoted tube, whereby the extension of the tubes will swing one of the hooks away from the other and lock it in engagement with the firearm.

29. In a stock for firearms, a substantially triangular shell, extensible members on the side edges thereof, one of the members being secured along its edge and the other one being pivoted near the base, hooks for detachably connecting the outer ends of said members to a gun, and a fulcrum for the pivoted member arranged near the free end of said pivoted member whereby the extension of said members will swing one of them on its fulcrum and lock the hooks in engagement with the gun.

30. In a stock for firearms, a shell provided with extensible members, the outer ends of which are provided with hooks arranged side by side in pairs for engaging with a gun, and means for locking the hooks in said engagement.

31. In a stock for firearms, a shell provided with extensible tubes, a bracket on the outer ends of said tubes, each end of which is provided with a pair of hooks for engaging with a firearm.

32. In a stock for firearms, a substantially triangular shell, extensible members secured thereto, one of which is pivoted, a pair of hooks on the free end of the pivoted member and a bracket on the other member, the bracket being perforated and provided with a pair of hooks, a screw through the perfora-

tion into the end of said member, the hooks of the pivoted member being pivotally secured to the bracket to form a fulcrum.

33. The combination, with a gun, the back-strap of which is provided with two pairs of seats, of a shoulder-piece provided with extensible members, the outer ends of said members being provided with two pairs of hooks adapted to be detachably connected with the seats of said back-strap.

34. In a stock for firearms, the combination with a shell, extensible members secured thereto and provided with means for securing them to a gun, a shouldered bracket on one of the members and a link on the other member provided with a pin to engage with a shoulder of said bracket, and means for yieldingly holding the pin in engagement with the shoulder.

35. In a stock for firearms, a shell, extensible members secured thereto and provided with means for securing them to a gun, a slotted bracket secured to one of the members and a link secured to the other member, the

slot being provided with a notch at one end and the link with a pin for moving in the slot and notch, and a spring on the link for yieldingly holding the pin in the notch.

36. The combination with a shoulder-piece of a fixed jaw and a movable jaw thereon, a lever to operate the movable jaw, and a block to lock the lever against movement.

37. The combination with a gun provided with shouldered seats, of a shoulder-piece provided with a fixed jaw and a movable jaw, and means for operating the movable jaw, the fixed jaw being cramped between its shoulders when the movable jaw is in its seat.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, at San Francisco, California, this 29th day of August, 1901.

ROSS M. G. PHILLIPS.

Witnesses:

A. K. DAGGETT,
L. PETERSON.