

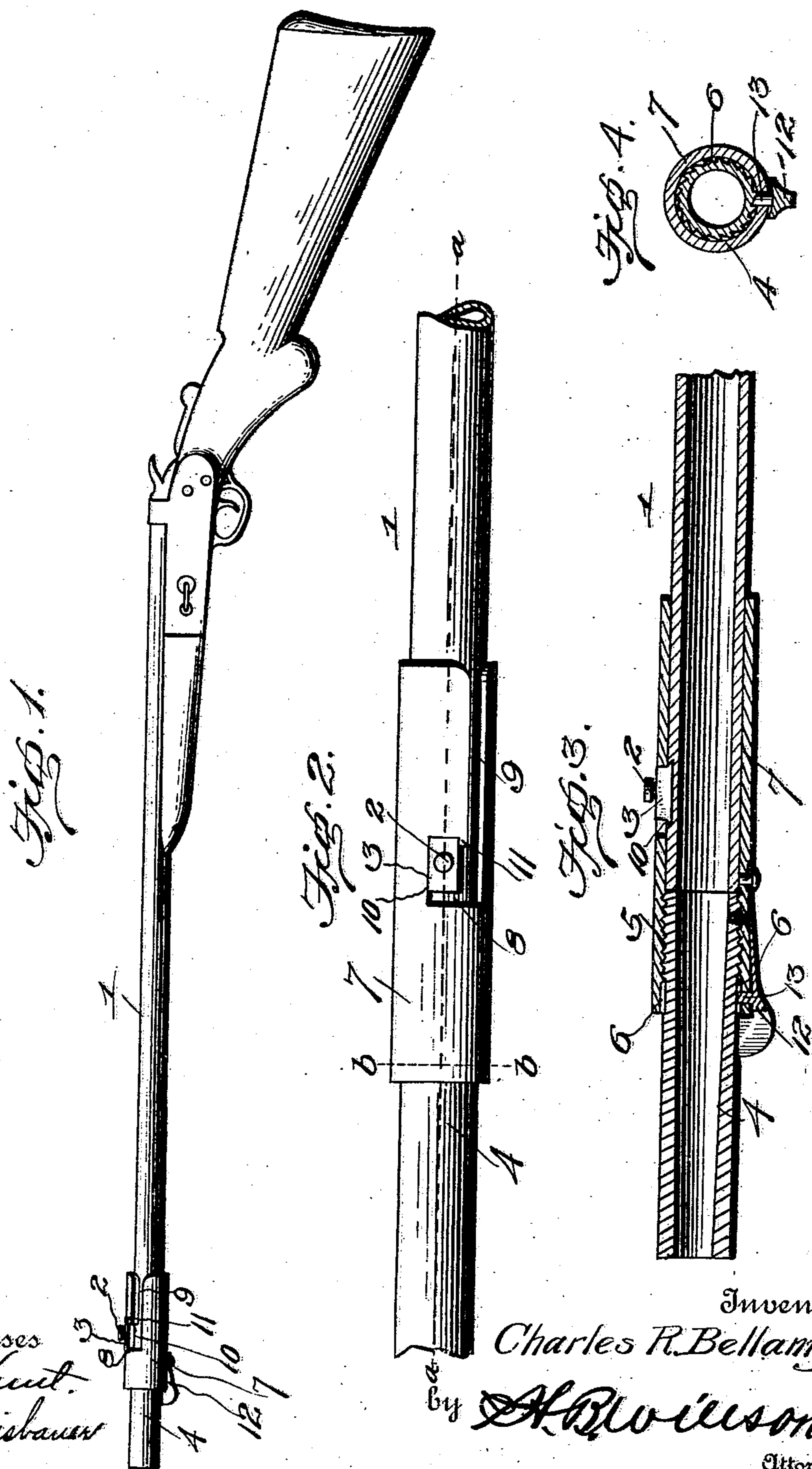
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PATENTED AUG. 7, 1906.

G. R. BELLAMY.

GUN BARREL.

APPLICATION FILED MAR. 1, 1906.



Witnesses
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UNITED STATES PATENT OFFICE.

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GUN-BARREL.

No. 827,844.

Specification of Letters Patent.

Patented Aug. 7, 1906.

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To all whom it may concern:

Be it known that I, CHARLES ROSS BELLAMY, a citizen of the United States, residing at Shreveport, in the parish of Caddo and State of Louisiana, have invented certain new and useful Improvements in Gun-Barrels; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention is an improved gun-barrel provided with a detachable choke-piece, of which any desired number may be used, so that a single barrel may be employed in connection with an appropriate choke-piece for any kind of shooting; and my invention consists of the construction, combination, and arrangement of devices hereinafter described and claimed.

In the accompanying drawings, Figure 1 is an elevation of a gun the barrel of which is provided with a detachable choke-piece in accordance with my invention. Fig. 2 is a detail top plan view of a portion of the barrel with the detachable choke-piece attached thereto. Fig. 3 is a sectional view of the same, taken on the plane indicated by the line *a a* of Fig. 2. Fig. 4 is a detail transverse sectional view taken on the plane indicated by the line *b b* of Fig. 2.

The barrel 1, which may be of any suitable construction, is provided with a muzzle-sight (indicated at 2) on a block 3, which is here shown as dovetailed in place and which may be secured to the barrel by any suitable means or in any suitable manner. I utilize this sight-block as a lock-block in the securing of the choke-piece to the muzzle of the barrel, as hereinafter described. The choke-piece 4 has its inner end screw-threaded, as at 5, and is provided with ratchet-teeth 6.

I also provide a cylindrical sleeve 7. Said sleeve is provided at one end with a bayonet-slot 8, having a long arm 9, a short arm 10 forming a lateral extension of the inner end thereof and partially divided therefrom by a stud 11. The width of the long arm is equal to that of the sight-block on the muzzle of the barrel, so that said arm serves to clear the said sight-block and enable the sleeve to be placed on the muzzle of the barrel. The space between the stud 11 and the inner end of the

bayonet-slot is equal to the length of the said sight-block, so that the sleeve may be turned to dispose the sight-block in the short arm 10 of the bayonet-slot and to engage the inner side of the stud 11, as shown in Fig. 2. The outer end of the sleeve is interiorly screw-threaded to receive the screw-threaded end of the choke-piece. On the under side of the sleeve is secured a spring-detent 12. The said detent has its stud 13 extended through an opening in the under side of the sleeve, and when the choke-piece is screwed into the sleeve and caused to engage the muzzle of the barrel and draw the sleeve out to the extent required to engage the stud 11 with the sight-block of the barrel the stud of the spring detent or keeper 12 engages the ratchet-teeth of the choke-piece successively as the latter is turned and when it is sufficiently tight prevents reverse turning thereof, and hence co-acts with the bayonet-slot of the sleeve and the sight-block to securely attach the choke-piece to the barrel. To detach the choke-piece from the barrel, the detent or keeper 12 must be first disengaged from the ratchet-teeth of the choke-piece and the latter reversely turned sufficiently to enable the sleeve to be disengaged from the sight-block on the barrel. Since the function of this sight-block in coaction with the sleeve is to lock the latter on the barrel, I employ the term "lock-block" thereto in the claims, as the said block is not necessarily, also, employed in connection with the muzzle-sight. It will be understood that by providing the barrel with an appropriate bore and employing a number of choke-pieces therewith the gun may be used for various kinds of shooting.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A gun-barrel having a lock-block near its muzzle, in combination with a sleeve to fit and move longitudinally on the muzzle and having a bayonet-slot to engage and clear said block, a choke-piece, and means to detachably secure the choke-piece in the sleeve and permit longitudinal movement of the choke-piece therein, for the purpose set forth.

2. A gun-barrel having a lock-block near its muzzle, in combination with a sleeve to fit and move longitudinally on the muzzle and

having a bayonet-slot to engage and clear said block, and a choke-piece, said sleeve and choke-piece having coacting screw-threads enabling the choke-piece to be fitted and moved longitudinally in the sleeve to engage and disengage the muzzle of the barrel and coact with the sleeve to engage and disengage the lock-block and the bayonet-slot, for the purpose set forth.

10 3. A gun-barrel having a lock-block near its muzzle, in combination with a sleeve to fit and move longitudinally on the muzzle and having a bayonet-slot to engage and clear said block, a choke-piece having screw connection with the sleeve to enable the choke-piece to fit and move longitudinally in the sleeve and engage and disengage the muzzle of the barrel, for the purposes set forth, and means to lock the choke-piece against casual movement in the sleeve when said choke-piece is in contact with the muzzle of the barrel, substantially as described.

4. A gun-barrel having a lock-block near its muzzle, in combination with a sleeve to fit and move longitudinally on the muzzle and having a bayonet-slot to engage and clear said block, a choke-piece having screw connection with the sleeve to enable the choke-piece to fit and move longitudinally in the sleeve and engage and disengage the muzzle of the barrel, for the purposes set forth, and being further provided with ratchet-teeth extending around the same, and a detent carried by the sleeve to coact with said ratchet-teeth to prevent reverse turning of the choke-piece, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CHARLES ROSS BELLAMY.

Witnesses:

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