

(No Model.)

J. STAHEL.

DEVICE FOR LESSENING THE NOISE OF FIREARMS.

No. 516,236.

Patented Mar. 13, 1894.

FIG. 1

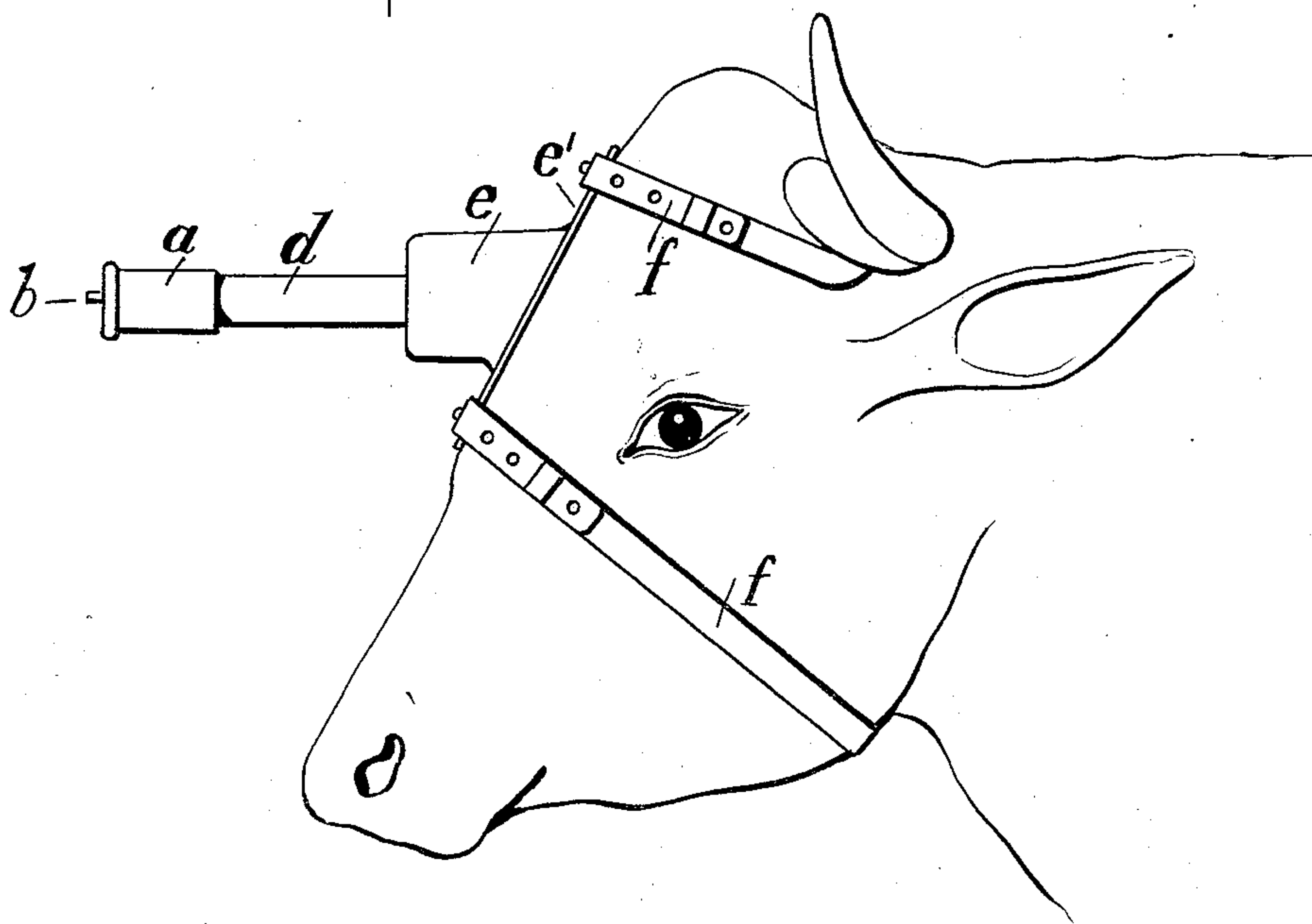
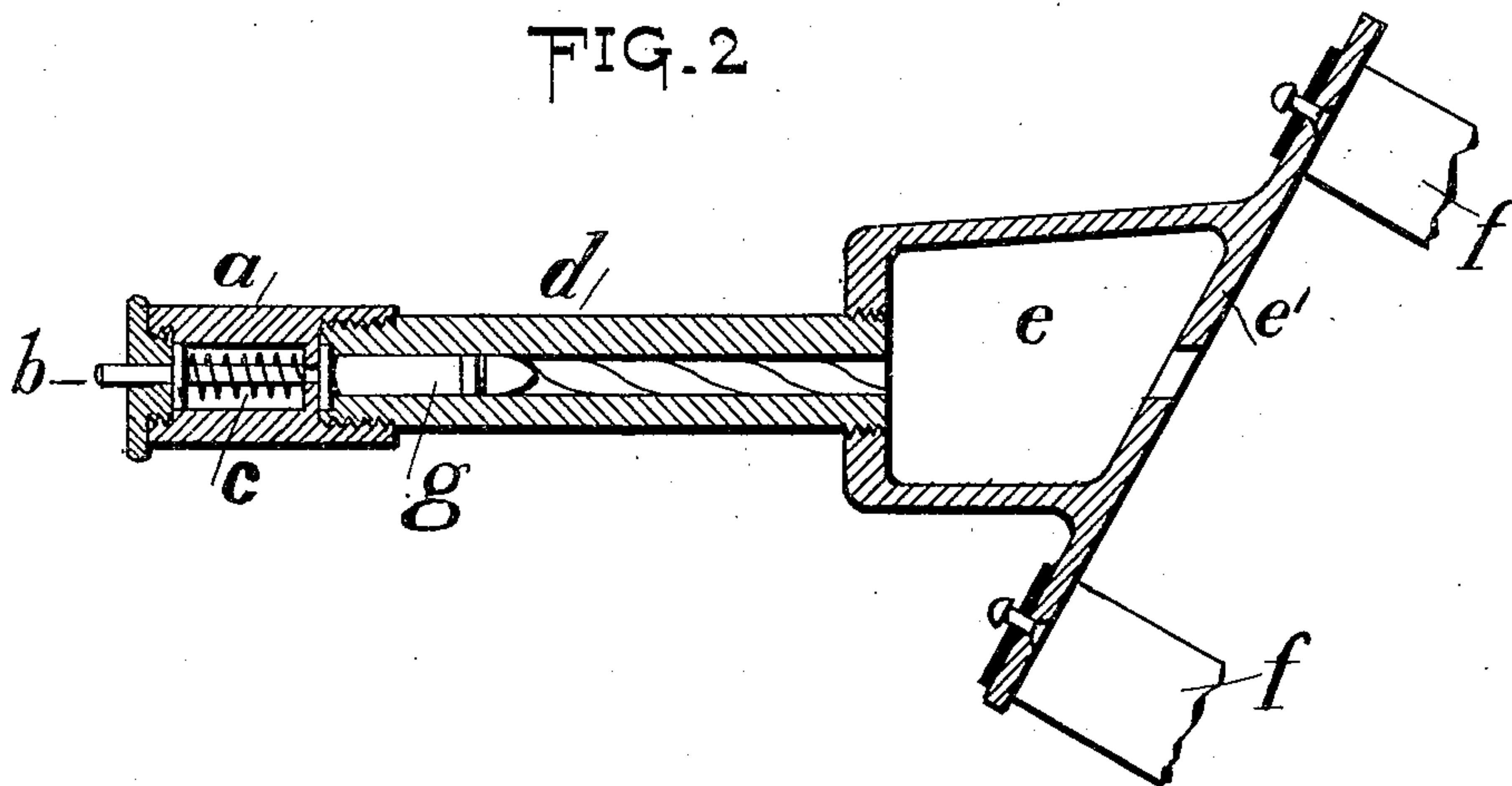


FIG. 2



Witnesses:
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UNITED STATES PATENT OFFICE.

JAKOB STAHEL, OF WOLLISHOFEN, SWITZERLAND.

DEVICE FOR LESSENING THE NOISE OF FIREARMS.

SPECIFICATION forming part of Letters Patent No. 516,236, dated March 13, 1894.

Application filed April 13, 1893. Serial No. 470,234. (No model.) Patented in Switzerland December 21, 1892, No. 5,755.

To all whom it may concern:

Be it known that I, JAKOB STAHEL, a citizen of the Republic of Switzerland, residing at Wollishofen, near Zurich, in the canton of Zurich and Republic of Switzerland, have invented certain new and useful Improvements in Devices for Lessening the Noise of Firearms; and I do hereby 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 relates to a device for the purpose of reducing or suppressing the detonations of firearms used in slaughtering cattle in some cities; although it is equally applicable to firearms employed for other purposes, and for which I have obtained Letters Patent of Switzerland, No. 5,755, dated December 21, 1892.

In the accompanying drawings, Figure 1 represents a side elevation of a fire arm embodying my invention and fixed to the head of a steer which is to be butchered; and Fig. 2 represents a longitudinal section of the same.

This fire arm is composed of a percussion device, a barrel and the means of destroying or greatly lessening the sound of the detonations. The said percussion device consists of a metallic socket *a*, which is screwed on the barrel *d*, a firing pin or plunger *b* driven through guide openings in the said socket into the cap of cartridge *g* in the breech end of the barrel, and a spring *c* within the socket for holding the said firing pin away from the

cap until the said pin is struck by the operator and driven in. To allow this driving in, the outer end of the said firing pin normally protrudes through the outer end of the said socket. To allow the introduction of the cartridge into the barrel, the said socket is unscrewed and removed at will. The sound-destroying chamber *e* has the muzzle of the barrel *d* screwed into it, and is provided with an outlet opening in line with the said barrel, through which the bullet is discharged into the animal's brain. The said chamber, being of considerably greater diameter and cubical capacity than the said barrel allows the expansion of the gas generated by the burning explosive and stifles the sound.

Straps *ff* may be employed for holding the fire arm to the animal's head; but these obviously are not important.

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

In combination with the barrel of a fire-arm and discharging devices, a sound suppressing chamber of greater diameter than the said barrel and attached to the muzzle thereof, the said chamber being provided with an outlet opening in line with the said barrel for the passage of the bullet and closed at all other points substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JAKOB STAHEL.

Witnesses:

H. LABHART,
I. GNÄDIG.