

No. 657,965.

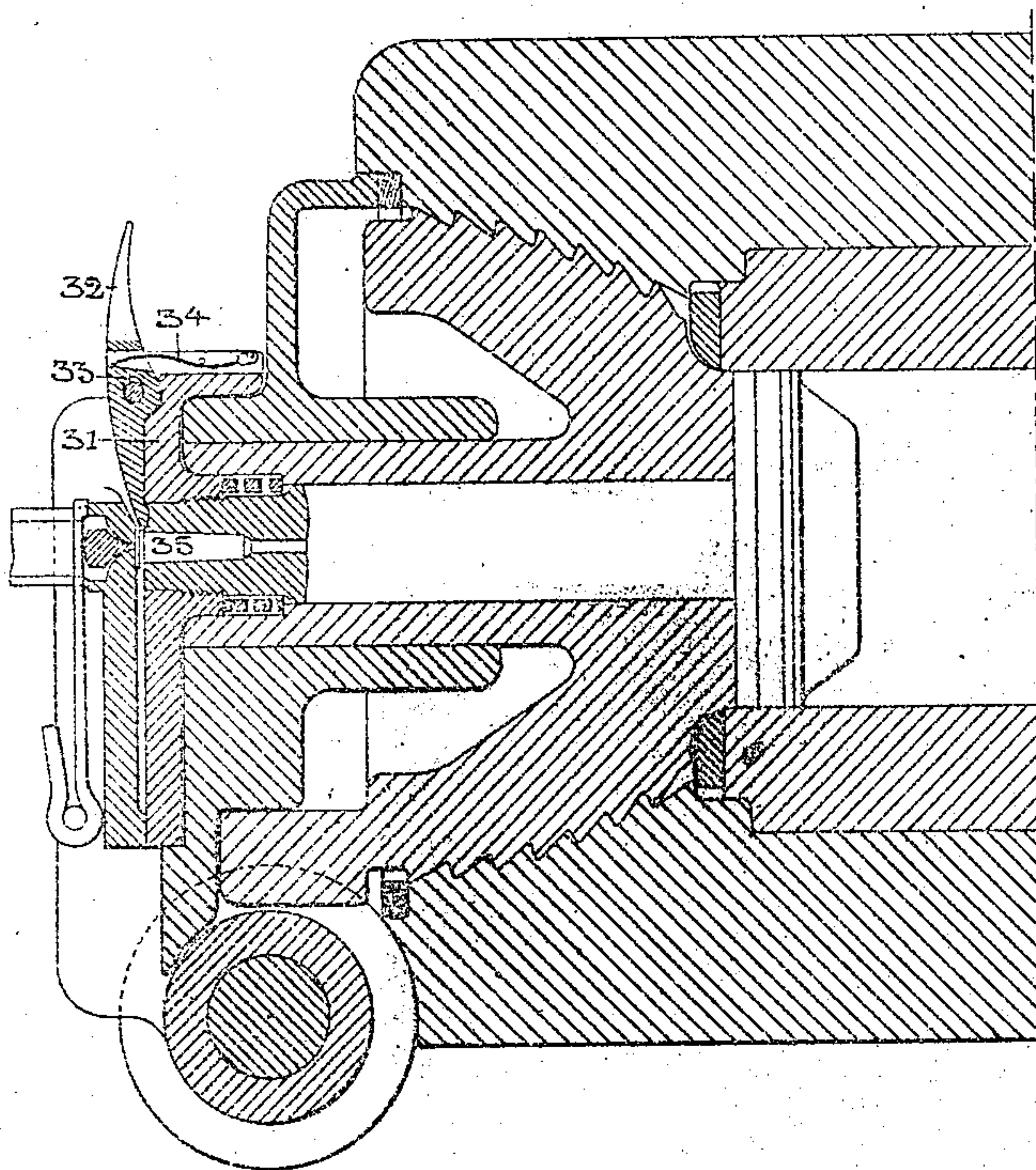
Patented Sept. 18, 1900.

A. SILFVERSPARRE.

EXTRACTOR FOR PRIMING CARTRIDGES IN BREECH LOADING GUNS.

(Application filed June 29, 1900.)

(No Model.)



WITNESSES:
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UNITED STATES PATENT OFFICE.

ARENT SILFVERSPARRE, OF BOFORS, SWEDEN.

EXTRACTOR FOR PRIMING-CARTRIDGES IN BREECH-LOADING GUNS.

SPECIFICATION forming part of Letters Patent No. 657,965, dated September 18, 1900.

Application filed June 29, 1900. Serial No. 22,011. (No model.)

To all whom it may concern:

Be it known that I, ARENT SILFVERSPARRE, mechanical engineer, residing at Bofors, in the Province of Wermland, Kingdom of Sweden, have invented Improvements in Extractors for Priming-Cartridges in Breech-Loading Guns, of which the following is a specification.

In the accompanying drawing a longitudinal section of my improved extractor applied to a breech-loading gun is illustrated.

It consists of a two-armed lever 32, mounted radially on the rear side of the door 31 and having its inner end situated close to the circumference of the cartridge 35 when it is put in its place, while the outer end of said lever is free, so as to be readily accessible. The hole 33 in the lever for the pin of the latter is oblong, so that the lever has a slight longitudinal play, and its outer branch is actuated by a spring 34, forcing the inner end of the lever inward, (to the right in the drawing.) Owing to this arrangement, the extractor will hold the inserted cartridge securely clamped in place, so that there is no risk of the latter being ejected by the air-pressure created in the vent-passage when the breech mechanism is thrown quickly into position. The spent priming-cartridge is ejected by

striking with the hand a blow on the projecting arm of the extractor, the inner end of the latter then striking against the inner side of the cartridge-rim and compelling the cartridge to move outward from the gun.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is—

An improved extractor for the priming-cartridge in the breech-loading guns, consisting of a two-armed lever 32 mounted radially on the rear side of the door so as to have a slight longitudinal play and by means of a spring 34 held with its inner end pressing inward and forward on the cartridge, when inserted, while its outer end is free and easily accessible, for the purpose of clamping the inserted priming-cartridge securely in position by means of the extractor while at the same time admitting of its being easily ejected by applying a blow on the outer branch of the said extractor.

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

ARENT SILFVERSPARRE.

Witnesses:

H. TELANDER,
B. LINDE.