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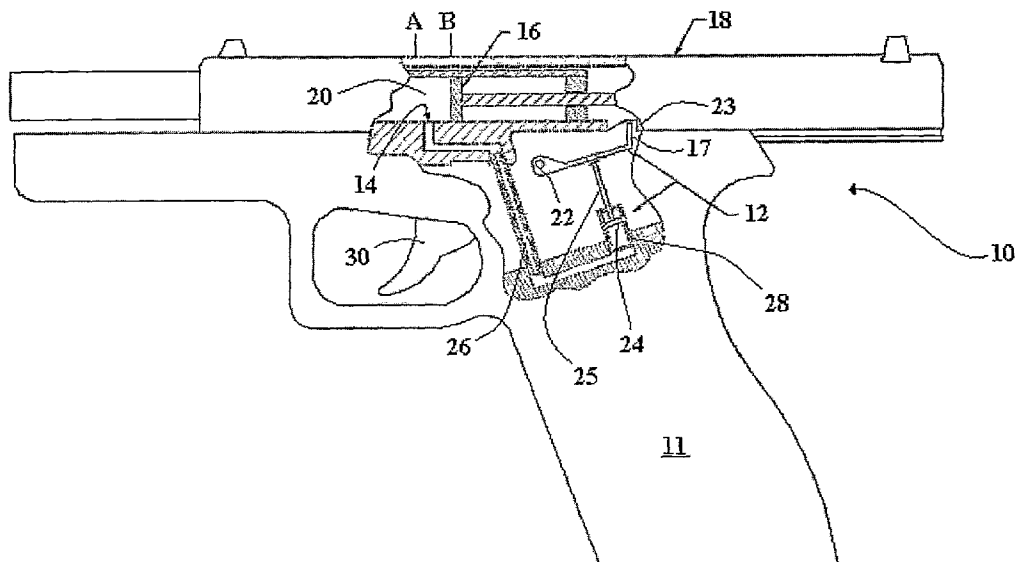
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: LOCKING ASSEMBLY FOR FIREARM RECOIL SIMULATOR



(57) **Abstract:** A bolt locking assembly (12) for a weapon simulator (10), the weapon simulator (10) having a bolt (18) affixed to a firearm housing (11) providing recoil to the user. The bolt (18) is connected to a piston (16) housed in a piston chamber (20) inside the housing (11). A gas supply (2) provides a compressed gas or fluid into the piston chamber (20) to generate movement and recoil of the piston (16). After the weapon simulator (10) has been fired a predetermined number of times, the bolt locking assembly (12) will obstruct operation of the bolt (18) and piston (16). The bolt locking assembly (12) includes a lock actuator port (14) engaging the piston chamber (20), a locking apparatus positioned within the housing (11) proximate the bolt (18), and a lock actuator port (26) between said lock actuator port (14) and said locking arm (17), wherein the lock actuator port (26) directs gas to said locking apparatus to actuate said locking apparatus and fix the bolt (18) in place.

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PATENT COOPERATION TREATY

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

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Applicant's or agent's file reference 29260.013PCT	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/US03/25118	International filing date (<i>day/month/year</i>) 11 August 2003 (11.08.2003)	(Earliest) Priority Date (<i>day/month/year</i>) 11 August 2003 (11.08.2003)
Applicant FATS, INC.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 2 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the Report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (See Box II).

4. With regard to the **title**,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

LOCKING ASSEMBLY FOR FIREARM RECOIL SIMULATOR

5. With regard to the **abstract**,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No. 1



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.



None of the figures