

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

División de Nuevas Creaciones

E. S. D.

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

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Ref: EXPEDIENTE No. 05-043929

Solicitud de Patente a nombre de
R/M EQUIPMENT, INC

En el asunto de la referencia me permito presentar una copia del reporte del examen preliminar tal y como fue recibido.

En consecuencia, pido se continúe con el trámite del expediente.

Atentamente,



JERONIMO CASTILLO BONILLA
C.C. 79.482.057 Bogotá
T.P. 104167 C.S. JUDICATURA

PATENT COOPERATION TREATY

RECEIVED

OCT 30 2006

NRS

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:
 RICHARD C. STEMPKOVSKI JR.
 NAWROCKI, ROONEY & SIVERTSON, P.A.
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 3433 BROADWAY STREET NORTHEAST
 MINNEAPOLIS, MN 55415

DOCKETED

OCT 30 2006

PCT

NOTIFICATION OF TRANSMITTAL OF
INTERNATIONAL PRELIMINARY
EXAMINATION REPORT

(PCT Rule 71.1)

Date of Mailing
(day/month/year)

24 OCT 2006

Applicant's or agent's file reference

Lynda Eberhard

IMPORTANT NOTIFICATION

16044/108111

International application No.

International filing date (day/month/year)

Priority date (day/month/year)

PCT/US03/12312

10 October 2003 (10.10.2003)

10 October 2002 (10.10.2002)

Applicant

R/M EQUIPMENT, INC.

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.
4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/US

Mail Stop PCT, Attn: IPEA/US
 Commissioner for Patents
 P.O. Box 1430
 Alexandria, Virginia 22313-1430

Facsimile No. (571) 273-3201

Form PCT/IPEA/416 (July 1992)

Authorized official

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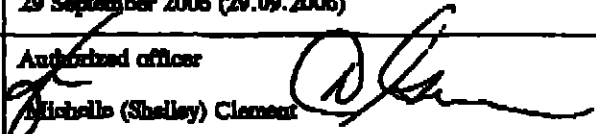
6884

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 16044/108111		FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPRA/416)	
International application No. PCT/US03/32312	International filing date (day/month/year) 10 October 2003 (10.10.2003)	Priority date (day/month/year) 10 October 2002 (10.10.2002)	
International Patent Classification (IPC) or national classification and IPC IPC: F41A 3/00(2006.01);F41C 27/06(2006.01) USPC: 42/44,105			
Applicant R/M EQUIPMENT, INC.			
1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36. 2. This REPORT consists of a total of <u>7</u> sheets, including this cover sheet. ☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). These annexes consist of a total of <u>---</u> sheets. 3. This report contains indications relating to the following items: I ☒ Basis of the report II ☐ Priority III ☐ Non-establishment of report with regard to novelty, inventive step and industrial applicability IV ☐ Lack of unity of invention V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI ☐ Certain documents cited VII ☐ Certain defects in the international application VIII ☐ Certain observations on the international application			
Date of submission of the demand 20 July 2004 (20.07.2004)		Date of completion of this report 29 September 2006 (29.09.2006)	
Name and mailing address of the IPEA/US Mail Stop PCT, Attn: IPEA/US Commissioner for Patents P.O. Box 1430 Alexandria, Virginia 22313-1430 Facsimile No. (571) 273-3201		Authorized officer  Michelle (Shelley) Clement Telephone No. 571.272.3600	

Form PCT/IPRA/409 (cover sheet) (July 1998)

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US03/32312

I. Basis of the report

1. With regard to the elements of the international application:*

- ☒ the international application as originally filed.
- ☒ the description:
 pages 1-10 as originally filed
 pages NONE filed with the demand
 pages NONE filed with the letter of _____
- ☒ the claims:
 pages 11-13 as originally filed
 pages NONE as amended (together with any statement) under Article 19
 pages NONE filed with the demand
 pages NONE filed with the letter of _____
- ☒ the drawings:
 pages 1-4 as originally filed
 pages NONE filed with the demand
 pages NONE filed with the letter of _____
- ☐ the sequence listing part of the description:
 pages NONE as originally filed
 pages NONE filed with the demand
 pages NONE filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language ____ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

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

- ☐ contained in the international application in printed 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.

4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages NONE
- ☐ the claims, Nos. NONE
- ☐ the drawings, sheets/fig NONE

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/US03/32312

V. Reasoned statement under Rule 66.2(a)(II) with regard to novelty, inventive step or industrial applicability, citations and explanations supporting such statement

1. STATEMENT

Novelty (N)

Claims NONE _____ YES
 Claims 1-15 _____ NO

Inventive Step (IS)

Claims NONE _____ YES
 Claims 1-15 _____ NO

Industrial Applicability (IA)

Claims 1-15 _____ YES
 Claims NONE _____ NO

2. CITATIONS AND EXPLANATIONS

Claims 1-7 and 10-15 lack novelty under PCT Article 33(2) as being anticipated by either Hoover or White. Both Hoover and White each individually teach the claimed barrel latch-locking device for a grenade launcher barrel latch including a body for preventing disengagement of a grenade launcher barrel from the grenade launcher.

Claims 1-9 lack novelty under PCT Article 33(2) as being anticipated by Wilhelm. Wilhelm teaches the claimed barrel latch locking device including a locking plate with first and second surfaces a receiving surface adapted to seat a detent.

Claims 1-15 meet the criteria set out in PCT Article 33(4), and thus have industrial applicability because the subject matter claimed can be made or used in industry.

REPORTE DEL EXAMEN PRELIMINAR INTERNACIONAL

Solicitud Internacional No. PCT/US03/32312

V. Declaración razonada bajo la Regla 66.2 (a) (ii) con relación a la novedad, altura inventiva o aplicabilidad industrial; citas y explicaciones que soportan dicha declaración.

1. DECLARACIÓN

Novedad (N)	Reivindicaciones NINGUNA	SI
	Reivindicaciones 1-15	NO
Altura Inventiva (IS)	Reivindicaciones NINGUNA	SI
	Reivindicaciones 1-15	NO
Aplicación Industrial (IA)	Reivindicaciones 1-15	SI
	Reivindicaciones NINGUNA	NO

2. CITAS Y EXPLICACIONES

Reivindicaciones 1-7 y 10-15 carecen de novedad bajo el artículo 33 (2) del PCT porque han sido anticipadas por cualquiera Hoover o White. Ambas Hoover y White cada una enseña el reivindicado dispositivo de bloqueo del cerrojo del cañon para un cerrojo de cañon de un lanzagranadas incluyendo un cuerpo para desenganche de un cañon de un lanzagranadas del lanzagrandas.

Reivindicaciones 1-9 carecen de novedad bajo el artículo 33 (2) del PCT porque ha sido anticipado por Wilhelm. Wilhelm enseña el reivindicado dispositivo de bloqueo de cerrojo del cañon incluyendo una lámina cerradora con una primera y segunda superficies recibiendo una superficie adaptada para asentar un detenedor.

Reivindicación 1-15 satisfacen el criterio puesto en el artículo 33 (4) del PCT y así tienen aplicación industrial porque el asunto reivindicado puede ser hecho o usado en la industria.