

06-09-2006

Docket No.: 23532-135

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08A/REV03



103254499

COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

ONLY

AP16 Recd PCT/PTO 30 NOV 2005

Tab settings

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Edward P. Schmitter **Milton W. Erickson**
Armand Gering **Jason L. Hitchcox**
Paul Michotte **Patrick Heins**
Olivier Coulombier

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: **FN Herstal SA**Address: **Voi de Liege 33**

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherCity: **Belgium**

State/Prov.: _____

Country: **Belgium**ZIP: **B-4040**Execution Date: **November 27, 2005**

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: **November 30, 2005**

Patent Application No.

Filing date

B. Patent No.(s)

12/07/2005 GFREY: 00000119 080719 10558955

04 F018021 40.00 DR

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **John B. Hardaway, III**Registration No. **26,554**Address: **Nexsen Pruet, LLC**

P.O. Box 10107

City: **Greenville**State/Prov.: **SC**Country: **USA**ZIP: **29603**

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ **40.00**☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

8. Deposit account number:

08-0719

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

J. Herbert O'Toole, Reg. No. 31,404

Name of Person Signing

Signature

November 30, 2005

Date

Total number of pages including cover sheet, attachments, and document:

10

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT
REEL: 017974 FRAME: 0294

**Assignment of Rights, Title and Interest in Invention
(Multiple Inventors; single assignee)**

Docket No.
23532-135

This is an Assignment of the following rights, title and interest: (check all that apply):

- ☒ *United States of America rights, title and interest in the invention*
☒ *Foreign rights, title and interest in the invention*
☐ *United States Patent Application Serial No. _____*
Date of Execution: _____ Date of Filing: _____
☐ *United States Provisional Patent Application Serial No. _____*
☐ *United States Patent No(s). _____*
☒ *International (PCT) Patent Application Serial No. PCT/US2004/017620*
☐ *Other (specify) _____*

Title of the Invention

FIREARM AUTHORIZATION SYSTEM WITH PIEZO-ELECTRIC DISABLER

Inventors (assignors)

<i>Name</i>	<i>Address</i>
Edward P. Schmitter	115 Dogwood Shores Lane, Eastover, SC 29044, USA
Armand Gering	Rue Ambiorix 30 B-4000, Liege, Belgium
Paul Michotte	Rue sous l'abbaye, 14A, B4870 TROOZ, BELGIUM
Olivier Coulombier	1159 Bradford Avenue, Charleston, SC 29412 USA
Milton W. Erickson	N388 Riviera Avenue, Merrillan, WI 54754, USA
Jason L. Hitchcox	220 Cottonwood Way, Columbia, SC 29229, USA
Patrick Heins	Quai de la Boverie 40 boîte 81 B-4020, Liege, Belgium

Assignee

<i>Name</i>	<i>Address</i>
FN HERSTAL SA	VOIE DE LIEGE 33 B-4040 HERSTAL BELGIUM

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
23532-135

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

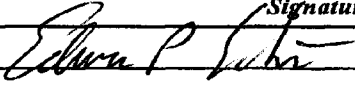

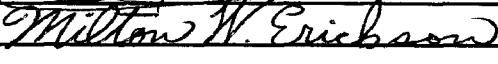
Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Edward P. Schmitter	 17 NOV 05
Armand Gering	
Paul Michotte	
Olivier Coulombier	 17 NOV 05
Milton W. Erickson	 11-17-05
Jason L. Hitchcox	
Patrick Heins	

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)

Docket No.
23532-135

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;



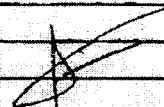
Now, this Indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Edward P. Schmitter	
Armand Gering	 21/11/2005
Paul Michotte	 21/11/2005
Olivier Coulombier	
Milton W. Erickson	
Jason L. Hitchcox	
Patrick Heins	 21/11/2005

[Page 2 of]

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
23532-135

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Edward P. Schmitter	
Armand Gering	
Paul Michotte	
Olivier Coulombier	
Milton W. Erickson	
Jason L. Hitchcox	<i>Jason L. Hitchcox / 18 NOV 2005</i>
Patrick Heins	

[Page 2 of]

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)

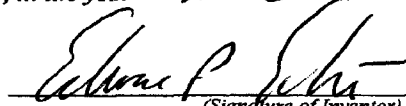
Docket No.
23532-135

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

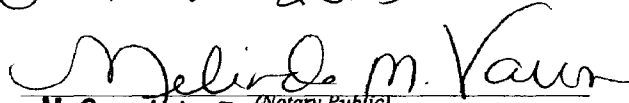
Executed this 17 day of November, in the year 2005

at


(Signature of Inventor)

State of SC
County of Richland

Before me personally appeared Edward P. Schmitter
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 17 day of November, in the year 2005


(Notary Public)
My Commission Expires December 18, 2006

Executed this day of, in the year

at

(Signature of Inventor)

State of
County of

Before me personally appeared Armand Gering
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this day of, in the year

(Notary Public)

Executed this day of, in the year

at

(Signature of Inventor)

State of
County of

Before me personally appeared Paul Michotte
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this day of, in the year

(Notary Public)

Assignment of Rights, Title and Interest in Invention (Multiple Inventors; single assignee)	Docket No. 23532-135
--	---------------------------------------

Notarization
(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this _____ day of _____, in the year _____

at _____

(Signature of Inventor)

State of _____

County of _____

Before me personally appeared Edward P. Schmitter
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this _____ day of _____, in the year _____

(Notary Public)

Executed this 21st day of November, in the year 2005

at _____

(Signature of Inventor)

State of LIEGE

County of BELGIUM

Before me personally appeared Armand Gering
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this _____ day of _____, in the year _____

(Notary Public)

Executed this 21st day of NOVEMBER, in the year 2005

at _____

(Signature of Inventor)

State of BELGIUM

County of _____

Before me personally appeared Paul Michotte
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this _____ day of _____, in the year _____

(Notary Public)

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)

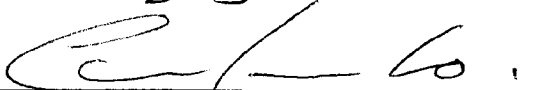
Docket No.
23532-135

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 17 day of November, in the year 2005

at


(Signature of Inventor)

State of SC

County of Richland

Before me personally appeared Olivier Coulombier

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 17 day of November in the year 2005


(Notary Public)

My Commission Expires December 18, 2006

Executed this 17 day of November, in the year 2005

at


(Signature of Inventor)

State of SC

County of Richland

Before me personally appeared Milton W. Erickson

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 17 day of November in the year 2005


(Notary Public)

My Commission Expires December 18, 2006

Executed this day of

, in the year

at

(Signature of Inventor)

State of

County of

Before me personally appeared Jason L. Hitchcox

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this day of in the year

(Notary Public)

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)

Docket No.
23532-135

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this day of , in the year

at

(Signature of Inventor)

State of

County of

Before me personally appeared Olivier Coulombier

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this day of in the year

(Notary Public)

Executed this day of , in the year

at

(Signature of Inventor)

State of

County of

Before me personally appeared Milton W. Erickson

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this day of in the year

(Notary Public)

Executed this 18th day of November , in the year 2005

at 2 pm

Jason L. Hitchcox
(Signature of Inventor)

State of

County of Richland

Before me personally appeared Jason L. Hitchcox

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 18 day of November in the year 2005

Melinda M. Vause
My Commission Expires December 18, 2006

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**Docket No.
23532-135Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 21st day of November, in the year 2001

at

State of LIEGE

County of BELGIUM

(Signature of Inventor)

Before me personally appeared Patrick Helms
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this day of in the year

(Notary Public)

Executed this day of, in the year

at

State of

County of

(Signature of Inventor)

Before me personally appeared
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this day of in the year

(Notary Public)

Executed this day of, in the year

at

State of

County of

(Signature of Inventor)

Before me personally appeared
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this day of in the year

(Notary Public)

(Page 5 of 5)

PATENT

RECORDED: 11/30/2005

REEL: 017974 FRAME: 0303