

FORM PTO-1619A

RECORD



U.S. DEPARTMENT OF COMMERCE

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Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Submission Type 10-23-01

New

Resubmission (Non-Recordation)
Document ID # _____

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Reel # 011396 Frame # 0399

2. Name of Conveying Party(ies):

DUANE, Russell
MATHEWSON, Alan
CONCANNON, Ann

Additional Name(s) of conveying party(s) attached? Yes No

3. Name and Address of Receiving Party(ies):

Name: National University of Ireland, Cork

Street Address: College Road

City: Cork

State/Country: Ireland Zip: _____

Additional name(s) & address(es) Yes No

4. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other: _____

Execution Date(s): 12182000; 12182000 and 12082000

5. Application number(s) or patent number(s):

If this document is being filed together with a new application,

the first execution date of the application is: _____

The filing date of the application is: _____

A. Patent Application No.(s)
09742214

B. Patent No.(s)

6 Name and address of party to whom correspondence concerning this matter should be mailed:

CUSTOMER NUMBER 00136
or
JACOBSON HOLMAN PLLC
400 Seventh Street, N.W.
Washington, DC 20004
Tel. 202-638-6666

Attorney Docket No. P66229US0

7. Number of applications and patents 1

8. Total fee (37 CFR 3.41) \$ 40.00

Enclosed

Any deficiencies in enclosed fees are authorized to be charged to deposit account 06-1358

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10. 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.

John C. Holman/22,769
Name of Person Signing/ Reg. #

Signature

October 23, 2001
Date

Total number of pages excluding cover sheet: -1-



UNITED STATES OF AMERICA - ASSIGNMENT

(1-5) *Insert Name(s) of Inventors*

(1) DUANE, Russell

(2) MATHEWSON, Alan

(3) CONCANNON, Ann

(4) _____ and

(5) _____

In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to

(6) *Insert Name of Assignee* (6) National University of Ireland, Cork

(7) *Insert Address of Assignee* (7) of College Road, Cork, Ireland

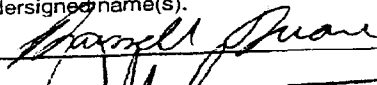
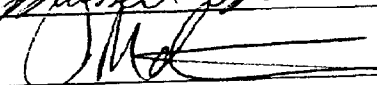
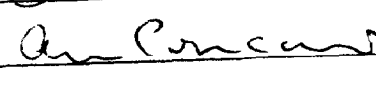
(8) *Insert Legal Entity and State or Country (e.g., a corporation or citizen of Japan)* (8) a Body established by the Universities Act 1997 Of Ireland
 (hereinafter designated as the Assignee) all of the right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as

(9) *Insert Identification of Invention, such as Title, Case Number or Foreign Application Number* (9) "A negative resistance device"

(10) *Insert Date of signing of Application, or filing date and Serial No., if known* (10) for which the undersigned has (have) executed an application for patent in the United States of Said application having been ~~executed~~ filed on December 22, 2000 (and assigned) Serial No. 09/742,214

- 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims provisions of the International Union for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute any agreement in conflict herewith.
- 6) Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, right to sue for, and collect damages for, any and all acts of past and future infringement.
- 7) The undersigned hereby grant(s) the law firm of **Jacobson, Price, Holman & Stern, PLLC**, 400 Seventh Street, N.W., Washington, 20004, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>18th Dec 2000</u>	Name of Inventor	<u>DUANE, Russell</u>		(SEAL)
			typed name		
Date	<u>18th Dec 2000</u>	Name of Inventor	<u>MATHEWSON, Alan</u>		(SEAL)
			typed name		
Date	<u>8th Dec 2000</u>	Name of Inventor	<u>CONCANNON, Ann</u>		(SEAL)
			typed name		
Date	_____	Name of Inventor	_____	_____	(SEAL)
			typed name		
Date	_____	Name of Inventor	_____	_____	(SEAL)
			typed name		

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

Additional inventor's names and signatures on a separate sheet.

Witness Samuel Gilbock

Witness Niamh O'Sullivan

LAW OFFICES OF
JACOBSON, PRICE, HOLMAN & STERN
 PROFESSIONAL LIMITED LIABILITY COMPANY
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