

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MERVYN JOHN ROSE	02/09/2005
RAVI SILVA	02/15/2005
JOHN SHANNON	02/15/2005
JANOS PETER HAJTO	03/12/2005
RECEIVING PARTY DATA	
Name:	THE UNIVERSITY COURT OF THE UNIVERSITY OF DUNDEE
Street Address:	NETHERGATE
Internal Address:	PERTH ROAD
City:	DUNDEE
State/Country:	UNITED KINGDOM
Postal Code:	DD1 4HN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11016346
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	ALLAN A. FANUCCI

CH \$40.00 11016346

Total Attachments: 3
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ASSIGNMENT

WHEREAS, each of,

Mervyn John ROSE, a citizen of Great Britain, residing at;
Old School House, Kettins, Blairgowrie, Perthshire PH13 9JL ,
United Kingdom;

Ravi SILVA, a citizen of Great Britain, residing at
29 Verran Road, Camberley, GU15 2ND, United Kingdom;

John SHANNON, a citizen of Great Britain, residing at
18 Whyteleafe Hill, Whyteleafe, Surrey, CR3 0AA, United Kingdom; and

Janos Peter HAJTO, a citizen of Great Britain, residing at
36 Liberton Gardens, Edinburgh, EH16 6JS, United Kingdom.

ASSIGNOR, is an inventor of the invention in **FIELD EMISSION DEVICE**, for which a
United States patent application is identified by Winston & Strawn LLP
Docket No. 85170-5300 and

- is being filed concurrently with the recordation of this Assignment.
- was filed on December 17, 2004 as Application No..

WHEREAS, **THE UNIVERSITY COURT OF THE UNIVERSITY OF DUNDEE**, having a place of business at Nethergate, Perth Road, Dundee DD1 4HN, Great Britain, ASSIGNEE, is desirous of obtaining each inventor's right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to each inventor in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, each ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, his or her entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof;

And each ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

And each ASSIGNOR hereby covenants and agrees that they have full right to convey the entire interest herein assigned, and that they have not executed, and will not execute, any agreement in conflict herewith;

And each ASSIGNOR further covenants and agrees that they will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to them respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE or, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries;

And each ASSIGNOR hereby authorizes the ASSIGNEE's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

In witness whereof, each inventor has affixed his or her signature.

9th February 2005
Date

Mervyn John ROSE
Mervyn/John ROSE

On this 9th day of February, ~~2004~~ ²⁰⁰⁵, before me, personally appeared **Mervyn John ROSE**, to me known and known to me to be the person of that name, who signed the foregoing instrument and acknowledged the same to be his/her free act and deed.

Nas Jenkins University
Witness of Dundee.


15th Feb. 2005
Date

Ravi SILVA
Ravi SILVA


On this 15th day of February, ~~2004~~ ²⁰⁰⁵, before me, personally appeared **Ravi SILVA**, to me known and known to me to be the person of that name, who signed the foregoing instrument and acknowledged the same to be his/her free act and deed.

N. Country
Witness

15 Feb 2005
Date


John SHANNON


On this 15 day of Feb., ²⁰⁰⁵~~2004~~, before me, personally appeared **John SHANNON**, to me known and known to me to be the person of that name, who signed the foregoing instrument and acknowledged the same to be his/her free act and deed.


Witness

12 / MARCH / 05
Date


Janos Peter HAJTO

On this 12th day of MARCH, 2004, before me, personally appeared **Janos Peter HAJTO**, to me known and known to me to be the person of that name, who signed the foregoing instrument and acknowledged the same to be his/her free act and deed.


Witness COLIN STUART HINDLE.