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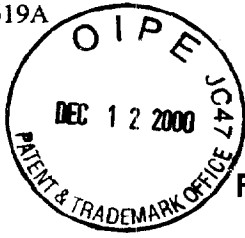
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12/12/00

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

12-26-2000

U.S. Department of Commerce
Patent and Trademark Office
PATENT



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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text" value="09/441,576"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

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Enter PCT application number only if a U.S. Application Number has not been assigned.

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PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

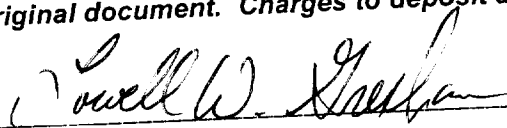
Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.) #

Deposit Account Number:

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Lowell W. Gresham Reg#31,165  7 Dec. 2000
Name of Person Signing Signature Date

ASSIGNMENT

In consideration of Ten Dollars (\$10.00) and other valuable consideration, of which we acknowledge receipt, we, EL-BADAWY AMIEN EL-SHARAWY, of 1434 East Spur Avenue, Gilbert, Arizona 85296, and MAJID M. HASHEMI, of 1363 Corte Bonita, San Jose CA 95120, (the Inventors) have sold and assigned, subject to the conditions set forth below, to NATIONAL SCIENTIFIC CORP., a Texas corporation having offices at 4455 E. Camelback Road, Suite E-160, Phoenix, Arizona 85018, its successors and assigns, the entire right, title and interest in and to the improvements of "*Vertical Heterojunction Bipolar Transistor*," (the Invention) invented by us, as described in U.S. Patent Application Serial No. 09/441,576, filed on 17 November 1999, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said NATIONAL SCIENTIFIC CORP., or its successors or assigns and agree that on request and without further consideration, but at the expense of NATIONAL SCIENTIFIC CORP., we will communicate to said NATIONAL SCIENTIFIC CORP., or its representatives or nominees, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid NATIONAL SCIENTIFIC CORP., its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries. The above-discussed conditions are as follows: a) that NATIONAL SCIENTIFIC CORP. pay all costs related to United States filing, prosecution, issuance, and maintenance of the patent(s) on the Invention, b) that NATIONAL SCIENTIFIC CORP. pay all consulting fees owed to the inventors with respect to the Invention, c) that NATIONAL SCIENTIFIC CORP. pay 1% of all gross sales related to the Invention to EL-BADAWY AMIEN EL-SHARAWY, d) that NATIONAL SCIENTIFIC CORP. pay 1% of all gross

ASSIGNMENT

U.S. Patent Application Serial No. 09/441,576

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sales related to the Invention to MAJID M. HASHEMI, e) that NATIONAL SCIENTIFIC CORP. actively develop and market the Invention, and f) that NATIONAL SCIENTIFIC CORP. remain solvent as evidenced by refraining from filing for bankruptcy under U.S. Bankruptcy law. Should any of the above-discussed conditions fail to be met, then this Assignment shall be deemed void *ab initio*. The Inventors covenant with said NATIONAL SCIENTIFIC CORP., its successors and assigns, that the rights and property hereby covered are free and clear of any encumbrances, and that they have full right to convey the same as herein expressed.

11/14/00
DATE

Lou Ross
Lou Ross
Chairman and C.E.O.
NATIONAL SCIENTIFIC CORP.

STATE OF ARIZONA)
County of Maricopa) ss

On this 14 day of November 2000, before me, the undersigned, personally appeared Lou Ross, known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the foregoing instrument for the purposes therein contained.

IN WITNESS WHEREOF, We have set my hand and official seal.



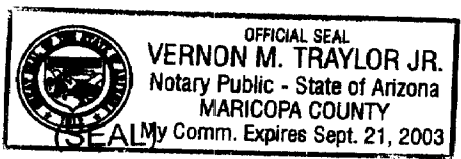
Vernon M. Traylor Jr.
NOTARY PUBLIC

11/14/00
DATE Elbadawy Amien Elsharawy
EL-BADAWY AMIEN EL-SHARAWY

STATE OF ARIZONA)
County of Maricopa) ss

On this 14 day of November 2000, before me, the undersigned, personally appeared EL-BADAWY AMIEN EL-SHARAWY, known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the foregoing instrument for the purposes therein contained.

IN WITNESS WHEREOF, We have set my hand and official seal.



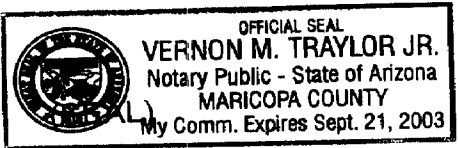
Vernon M. Traylor Jr.
NOTARY PUBLIC

11/14/00
DATE Majid M. Hashemi
MAJID M. HASHEMI

STATE OF ARIZONA)
County of Maricopa) ss

On this 14 day of November 2000, before me, the undersigned, personally appeared MAJID M. HASHEMI, known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the foregoing instrument for the purposes therein contained.

IN WITNESS WHEREOF, We have set my hand and official seal.



Vernon M. Traylor Jr.
NOTARY PUBLIC

2238-010CIP