

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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| SUBMISSION TYPE:   | NEW ASSIGNMENT                      |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                          |
| <b>CONVEYING PARTY DATA</b>  |                                     |
| <b>Name</b>  | <b>Execution Date</b>               |
| Shaohai ZHANG  | 04/26/2010                          |
| Alexander John MARSHALL  | 04/26/2010                          |
| A.C. IOANNIDES   | 04/26/2010                          |
| <b>RECEIVING PARTY DATA</b>  |                                     |
| <b>Name:</b>   | MAGNEX SCIENTIFIC LIMITED           |
| <b>Street Address:</b>   | THE MAGNET TECHNOLOGY CENTRE        |
| <b>Internal Address:</b>   | 6 MEAD ROAD, OXFORD INDUSTRIAL PARK |
| <b>City:</b>   | YARNTON, OXFORD, OXFORDSHIRE        |
| <b>State/Country:</b>  | UNITED KINGDOM                      |
| <b>Postal Code:</b>  | OX5 1QU                             |
| <b>PROPERTY NUMBERS Total: 1</b>   |                                     |
| <b>Property Type</b>   | <b>Number</b>                       |
| <b>Application Number:</b>   | 12680888                            |
| <b>CORRESPONDENCE DATA</b>   |                                     |
| <b>Fax Number:</b>   | (650)424-3827                       |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> |                                     |
| <b>Phone:</b>  | (650) 424-4814                      |
| <b>Email:</b>  | david.castro@varianinc.com          |
| <b>Correspondent Name:</b>   | VARIAN, INC.                        |
| <b>Address Line 1:</b>   | 3120 Hansen Way                     |
| <b>Address Line 2:</b>   | Legal Department, D-102             |
| <b>Address Line 4:</b>   | Palo Alto, CALIFORNIA 94304         |
| <b>ATTORNEY DOCKET NUMBER:</b>   | 07-27 US                            |
| <b>NAME OF SUBMITTER:</b>  | David Castro                        |
| Total Attachments: 3   |                                     |

CH \$40.00 12680888

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**PATENT  
 REEL: 024381 FRAME: 0025**

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**ASSIGNMENT FOR PATENT APPLICATION**

DOCKET NO.: 07-27 US

For value received, we,

| INVENTOR                | ADDRESS   |
|-------------------------|---|
| Shaohai ZHANG           | residing at: 55 Morton Avenue, Kidlington, Oxfordshire OX5 1BX, United Kingdom  |
| Alexander John MARSHALL | residing at: Loudon, Spring Copse, Hinksey Hill, Oxford OX1 5JB, United Kingdom |
| A.C. IOANNIDES          | residing at: 8 Rose Avenue, Abingdon, Oxfordshire OX14 1XX, United Kingdom      |
|                         | residing at: _____  |
|                         | residing at: _____  |
|                         | residing at: _____  |

respectively, hereby sell, assign, transfer, and set over to MAGNEX SCIENTIFIC LIMITED, a United Kingdom company, having its principal office at The Magnet Technology Centre, 6 Mead Road, Oxford Industrial Park, Yarnton, Oxford, Oxfordshire, United Kingdom, our entire right, title and interest in and to the improvements in the invention entitled

TITLE OF THE INVENTION  
SUPERCONDUCTING SWITCH OPERATION

(Varian SPA Docket No.: 07-27 US ) invented by us, and in and to the application for United States Patent therefor and in and to any Letters Patent or reissues of said Letters Patent that may be granted thereon, and in and to any application or applications which are continuations, continuations-in-part, substitutes, or divisions of the aforesaid application; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said MAGNEX SCIENTIFIC LIMITED as the owner of the entire interest in and to the same for its sole use and for the use of its successors or assigns.

AND, for the above-named consideration, we do hereby sell, assign, transfer and set over unto said MAGNEX SCIENTIFIC LIMITED our entire right, title and interest in and to said invention in each and every country foreign to the United States, and do hereby further constitute and appoint said MAGNEX SCIENTIFIC LIMITED our Attorney, with full power to apply for and obtain Letters Patents in foreign countries, in its own name and right and interest, and to sell, transfer or otherwise dispose of the same and said right and interest; and we further convey to said MAGNEX SCIENTIFIC LIMITED all priority rights resulting from the above-identified application for United States Patent.

AND, we agree to execute all papers and give such testimony and perform such other lawful acts as said MAGNEX SCIENTIFIC LIMITED may require to enable it, or them, to procure Letters Patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold the validity of said Letters Patent and reissues and extensions thereof, and its title thereto.

AND, we hereby authorize the Legal Department of VARIAN, INC., a corporation of the State of Delaware, having its principal office in Palo Alto, California, the power to insert below this document identification indicia of the patent application hereinabove assigned including the serial number and the filing date of said application, when officially known.

Christine Ann  
Cruz  
PATENT

**ASSIGNMENT FOR PATENT APPLICATION**

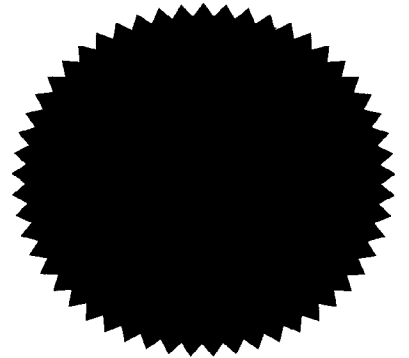
|             |          |
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| DOCKET NO.: | 07-27 US |
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IN TESTIMONY WHEREOF, we have hereunto set our hand and seal on the date below indicated.

*EACH INVENTOR PLEASE SIGN AND DATE BELOW*

|       |                        |            |                           |
|-------|------------------------|------------|---------------------------|
| DATED | <u>26th April 2016</u> | SIGNATURE  | <u><i>[Signature]</i></u> |
|       |                        | TYPED NAME | Shaohai ZHANG             |
| DATED | <u>26th April 2016</u> | SIGNATURE  | <u><i>[Signature]</i></u> |
|       |                        | TYPED NAME | Alexander John MARSHALL   |
| DATED | <u>26th April 2016</u> | SIGNATURE  | <u><i>[Signature]</i></u> |
|       |                        | TYPED NAME | A.C. IOANNIDES            |
| DATED | _____                  | SIGNATURE  | _____                     |
|       |                        | TYPED NAME | _____                     |
| DATED | _____                  | SIGNATURE  | _____                     |
|       |                        | TYPED NAME | _____                     |
| DATED | _____                  | SIGNATURE  | _____                     |
|       |                        | TYPED NAME | _____                     |

*Signed and delivered  
before me  
Christine A. Cull  
NY*



United Kingdom of Great Britain  
City of Oxford England

On this 26<sup>th</sup> day of April 2010 before me the undersigned Christine Ann Chater of Hadleigh House Hinksey Hill Oxford OX1 5BE England Notary Public, duly admitted and sworn and practising in Oxford there personally appeared before me Alexander John Marshall of Loudon Spring Copse Oxford OX1 5BJ and Shaohai Zhang of 55 Morton Avenue Kidlington Oxford OX5 1BX and Antonis Chris Ionnides of 8 Rose Avenue Abingdon OX14 1XX who identified themselves to me by production of British passports numbered 203509108 and 106870903 and 202343445 respectively the individuals described in the annexed document and who executed the said document and who acknowledged to me that they executed the same of their own free will and voluntary act and deed and for the uses and purposes therein mentioned and contained. I having previously satisfied myself that they fully understood the nature and effect of the said deed.

*Christine Ann Chater*

Notary Public  
My Commission expires with life

Christine Ann Chater  
Notary Public  
Oxford  
Oxon  
England

