Form **PTO-1595** 

(Rev. 03/01)

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| OMB No. 0651-0027 (exp. 5/31/2002) 102117                                                                               | 739                                                             |  |  |
|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--|--|
| Tab settings ⇔ ⇔ ♥ ▼                                                                                                    | <b>Y Y Y</b>                                                    |  |  |
| To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. |                                                                 |  |  |
| Name of conveying party(ies):                                                                                           | Name and address of receiving party(ies)     Name: Varian, Inc. |  |  |
| Gregory S. Duckett 05/3//02                                                                                             | Internal Address:                                               |  |  |
| C.J. Anthony Fernando  Michael R. Haw                                                                                   | Internal Address.                                               |  |  |
| Additional name(s) of conveying party(ies) attached? Yes  No                                                            |                                                                 |  |  |
| 3. Nature of conveyance:                                                                                                | 295.<br>170.<br>170.<br>170.<br>170.                            |  |  |
| ✓ Assignment                                                                                                            | 000                                                             |  |  |
| Security Agreement Change of Name                                                                                       | Street Address:                                                 |  |  |
| Other                                                                                                                   | 5120 Hallsen Way, D-102                                         |  |  |
| 5/28/02, 5/24/02 and 5/24/02                                                                                            | City: Palo Alto State: CA Zip: 94304                            |  |  |
| Execution Date: respectively                                                                                            | Additional name(s) & address(es) attached? Yes V                |  |  |
| 4. Application number(s) or patent number(s):                                                                           | 1/59568                                                         |  |  |
| If this document is being filed together with a new appli                                                               | cation, the execution date of the application is: 5/30/02       |  |  |
| A. Patent Application No.(s)                                                                                            | B. Patent No.(s)                                                |  |  |
| New (Docket No. 00-28-02 US)                                                                                            |                                                                 |  |  |
| Additional numbers attached? Yes No                                                                                     |                                                                 |  |  |
| 5. Name and address of party to whom correspondence                                                                     | 6. Total number of applications and patents involved:           |  |  |
| concerning document should be mailed: Name: Debbie Kus                                                                  | 7. Total fee (37 CFR 3.41)\$                                    |  |  |
|                                                                                                                         | Enclosed                                                        |  |  |
| Internal Address:                                                                                                       | Authorized to be abouted to deposit governt                     |  |  |
|                                                                                                                         | Authorized to be charged to deposit account                     |  |  |
|                                                                                                                         | 8. Deposit account number:                                      |  |  |
| Street Address:                                                                                                         |                                                                 |  |  |
| 3120 Hansen Way, D-102                                                                                                  | 50-0895                                                         |  |  |
| City: Palo Alto State: CA Zip: 94304                                                                                    |                                                                 |  |  |
| DO NOT USE THIS SPACE                                                                                                   |                                                                 |  |  |
| 9. Signature.                                                                                                           | No -                                                            |  |  |
| A                                                                                                                       | 8 M / (a) 31                                                    |  |  |
| Bella Fishman                                                                                                           | WA TSUELLEN May 5, 2002                                         |  |  |
| Name of Person Signing                                                                                                  | Signature Date                                                  |  |  |
| Total number of pages including cover                                                                                   | er sheet, attachments, and documents: 5                         |  |  |

Mail Documents to be recorded with required cover sheet information to:

06/10/2002 GTON11

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10159568

01 FC:501 40.00 CH commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

**PATENT** 

**REEL: 012961 FRAME: 0701** 

## ASSIGNMENT

For value received, we, Gregory S. Duckett, residing at 805 Carrington Drive, Raleigh, North Carolina 27615, C.J. Anthony Fernando, residing at 1002 Grandover Drive, Durham, North Carolina 27713, and Michael R. Haw, residing at 3240-14 Lynn Ridge Drive, Raleigh, North Carolina 27613, respectively, hereby sell, assign, transfer, and set over to VARIAN, INC., a corporation of the State of Delaware, having its principal office in Palo Alto, California, its successors or assigns, our entire right, title and interest in and to the improvements in the invention entitled

## METHODS AND APPARATUS FOR DETERMINING THE LOCATION OF A SHAFT WITHIN A VESSEL

(Varian, Inc. Docket No. 00-28-02 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 VARIAN, INC., its successors or assigns, as the owner of the entire interest in and to the same for its sole use and behoof and for the use and behoof of its successors or assigns.

AND, for the above-named consideration, we do hereby sell, assign, transfer and set over unto said VARIAN, INC., its successors or assigns, 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 VARIAN, INC., its successors or assigns, 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 the said VARIAN, INC., its successors or assigns, 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 VARIAN, INC., its successors or assigns, 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 said VARIAN, INC. 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.

| IN TESTIMONY WHEREOF, | we have hereunto set my hand and seal on Gregory S. Ducket | the date below indicated  In IM  (Date)  (Date)  (Date) |
|-----------------------|------------------------------------------------------------|---------------------------------------------------------|
|                       | C.J. Anthony Fernando                                      | (Date)                                                  |
|                       | Michael R. Haw                                             | (Date)                                                  |

| State of North Carolina ) County of Wake )            |                                                                                                                       |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| On May 28, 2002 before personally appeared, — Gregory | re me, Shelley Fenn,                                                                                                  |
| personally known to me -or                            | proved to me on the basis of satisfactory evidence to be<br>the person(s) whose names is/are subscribed to the within |

WITNESS my hand and official seal.

instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

Signature of Notary

SHELLEY FENN
State of North Carolina
Qualified in Wake County
Commission Expires

## ASSIGNMENT

For value received, we, Gregory S. Duckett, residing at 805 Carrington Drive, Raleigh, North Carolina 27615, C.J. Anthony Fernando, residing at 1002 Grandover Drive, Durham, North Carolina 27713, and Michael R. Haw, residing at 3240-14 Lynn Ridge Drive, Raleigh, North Carolina 27613, respectively, hereby sell, assign, transfer, and set over to VARIAN, INC., a corporation of the State of Delaware, having its principal office in Palo Alto, California, its successors or assigns, our entire right, title and interest in and to the improvements in the invention entitled

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AND, for the above-named consideration, we do hereby sell, assign, transfer and set over unto said VARIAN, INC., its successors or assigns, 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 VARIAN, INC., its successors or assigns, 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 the said VARIAN, INC., its successors or assigns, 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 VARIAN, INC., its successors or assigns, 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.

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IN TESTIMONY WHEREOF, we have hereunto set my hand and seal on the date below indicated.

Gregory S. Duckett (Date)

Anthony Fernando

| State of North Cavolina ) County of Wake )        |                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| On May 24 2002 be personally appeared, Mike Haw & | proved to me on the basis of satisfactory evidence to be<br>the person(s) whose names is/are subscribed to the within<br>instrument and acknowledged to me that he/she/they<br>executed the same in his/her/their authorized<br>capacity(ies), and that by his/her/their signature(s) on the<br>instrument the person(s) or the entity upon behalf of<br>which the person(s) acted, executed the instrument. |
|                                                   | WITNESS my hand and official seal.                                                                                                                                                                                                                                                                                                                                                                           |

**RECORDED: 05/31/2002** 

Signature of Notary SHELLEY FENN
State of North Carolina
Qualified in Wake County
Commission Expires