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Patent at

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U.S. DEPARTMENT OF COMMERCE



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nal documents or copy thereof.

To the Honorable Assistant Commissioner for Patents and

1. Name of conveying party(ies):

Larry D. PARTAIN
David H. HUMBERAdditional name(s) of conveying
party(ies) attached?

[] Yes [X] No

2. Name and address of receiving party(ies):

Name: Varian Medical Systems, Inc.

Internal Address: _____

3. Nature of Conveyance:

[X] Assignment

[] Merger

[] Security Agreement

[] Change of Name

[] Other _____

Execution Dates: MAY 20, 2005

Street Address: _____

City: Palo AltoState: CA Zip: 94304

Additional name(s) & address(es) attached? [] Yes [X] No

4. Application entitled

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

11/134,695

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence
concerning document should be mailed:Name: TIANJUN HOUInternal Address: DORSEY & WHITNEY LLPStreet Address: SUITE 1000555 CALIFORNIA STREETCity: SAN FRANCISCOState: CAZip: 94104-15136. Total number of applications
and patents involved: 17. Total fee (37 CFR 3.41):.....\$40.00

[X] Enclosed

[] Authorized to be charged to deposit account

8. Deposit account number 50-2319Please debit any underpayment or credit any
overpayment to the above deposit account.Our Order No. 186300/US/MSS/TJH (463833-31)

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9. 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.Tianjun Hou, Reg. No 51,821

Name of Person Signing

Signature

July 8, 2005

Date

Total number of pages including cover sheet, attachments and document: [3]

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PATENT
REEL: 016774 FRAME: 0207

ASSIGNMENT

For value received, We, Larry D. Partain and David H. Humber, residing at 590 Milverton Road, Los Altos, CA 94022 and 13565 Indian Rock Way, Los Gatos, CA 95033, respectively, hereby sells, assigns, transfer, and set over to VARIAN MEDICAL SYSTEMS, 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:

*SYSTEM AND METHOD FOR IMAGING AND TREATMENT OF TUMOROUS
TISSUE IN BREASTS USING COMPUTED TOMOGRAPHY AND RADIOTHERAPY*

(**Varian Medical Systems, Inc. Docket No. 05-001**) 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 MEDICAL SYSTEMS, 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 MEDICAL SYSTEMS, 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 MEDICAL SYSTEMS, INC., its successors or assigns, my 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 MEDICAL SYSTEMS, 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 MEDICAL SYSTEMS, 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 MEDICAL SYSTEMS, 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 WITNESS WHEREOF, I have hereunto set my hand and executed and delivered this instrument to VARIAN MEDICAL SYSTEMS, INC. this 20th day of May, 2005.

Larry D. Partain
Larry D. Partain

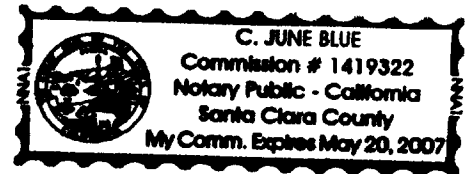
State of California)
County of Santa Clara) ss.

On this 20th day of May, in the year 2005, before me, C. June Blue, Notary Public of the State of California in the County of Santa Clara, personally appeared Larry D. Partain personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature C. June Blue

(Seal)



IN WITNESS WHEREOF, I have hereunto set my hand and executed and delivered this instrument to VARIAN MEDICAL SYSTEMS, INC. this 20th day of May, 2005.

David H. Humber
David H. Humber

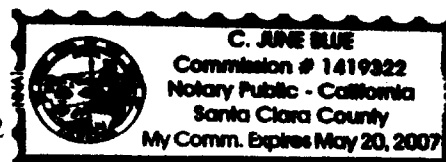
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On this 20th day of May, in the year 2005, before me, C. June Blue, Notary Public of the State of California in the County of Santa Clara, personally appeared David H. Humber personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature C. June Blue

(Seal)



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