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FORM PTO-1595
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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No. 2018721-7012172001

102455436

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Edward J. Seppi Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party: Name: <u>Varian Medical Systems, Inc.</u> Internal Address: <u>3100 Hansen Way</u> City: <u>Palo Alto</u> State: <u>CA</u> Zip: <u>94304-1038</u> Street Address: _____ City: _____ State: _____ Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>5/8/03</u>	

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is: May 14, 2003

A. Patent Application No(s): <u>10438684</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent No(s): _____
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5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Peter C. Mei</u> Internal Address: BINGHAM McCUTCHEN LLP Three Embarcadero, Ste 800 San Francisco, CA 94111-4067	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41): \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge this Deposit Account if any additional fee is required 8. Deposit Account Number: <u>50-2518</u>
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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.

Gerald Chan Date: May 14, 2003

Gerald Chan

Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, **EDWARD J. SEPPI**, a citizen of the United States of America, (hereinafter referred to as "ASSIGNOR"), have invented a certain invention entitled **IMAGING APPARATUS AND METHOD WITH EVENT SENSITIVE PHOTON DETECTION** for which application for Letters Patent of the United States of America has been executed on even date herewith; and

WHEREAS, **VARIAN MEDICAL SYSTEMS, INC.**, a corporation organized and existing under and by virtue of the laws of the state of **DELAWARE** and having its place of business at **3100 Hansen Way, Palo Alto, California 94304-1038** (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefore in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNOR hereby authorizes and requests the United States Commissioner of Patents and Trademark and any officials of foreign countries whose duty it is to issue

patents or any legal equivalent thereof to said ASSIGNEE, its successors and assigns,
in accordance with this Agreement.

ASSIGNOR hereby covenants that no assignment, sale, agreement or
encumbrance has been or will be made or entered into which would conflict with this
Agreement.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided
promptly with all pertinent facts and documents relating to said application, said
invention and said Letters Patent and legal equivalents as may be known and
accessible to ASSIGNOR and will testify as to the same in any interference or litigation
related thereto and will promptly execute and deliver to ASSIGNEE or its legal
representative any and all papers, instruments or affidavits required to apply for, obtain,
maintain, issue and enforce said application, said invention and said Letters Patent and
said equivalents in the United States or in any foreign county, which may be necessary
or desirable to carry out the purpose thereof.

WITNESS my hand at Palo Alto, California,
this 8th day of May, 2003.

Edward J. Seppi
EDWARD J. SEPP

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss

On May 8, 2003 before me, Karen K. Brandon, personally
appeared Edward J. Seppi

personally known to me – OR- proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are subscribed to the within 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.

WITNESS my hand and official seal.

Karen K. Brandon
Notary Public

