

07-02-2003



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Form PTO-1595 (Rev. 03/01) RECORDATION FORM COVER SHEET PATENTS ONLY U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

1. Name of conveying party(ies): M. Edward Womble, Richard H. Clarke
2. Name and address of receiving party(ies): Name: Raman Systems, Inc. Internal Address: Street Address: 108 Water Street, Suite 3R City: Watertown State: MA Zip: 02472
3. Nature of Conveyance: [x] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: June 19, 2003
Additional name(s) of conveying party(ies) attached? [] Yes [x] No
Additional name(s) & address(es) attached: [] Yes [x] No

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the new application is:
A. Patent Application No.(s): 10/367,238
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: NUTTER MCCLENNEN & FISH LLP Internal Address: Atty. Dkt.: 102044-7 Street Address: World Trade Center West 155 Seaport Boulevard City: Boston State: MA Zip: 02210-2604
6. Total number of applications and patents involved:
7. Total fee (37 CFR 3.41) \$ 40.00 [x] Enclosed [] Authorized to be charged to deposit account [] Authorized to be charged to credit card (Form 2038 enclosed)
8. Deposit account number: 141449 (Attach duplicate copy of this page if paying by deposit account)

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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. Thomas J. Engellenner Name of Person Signing Signature June 27, 2003 Date Total number of pages including cover sheet, attachments, and documents: 4

OFFICE OF PUBLIC RECORDS 2003 JUN 30 PM 3:48 FINANCE SECTION

07/01/2003 DBYRNE 00000040 10367238 40.00 DP

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A S S I G N M E N T

Whereas, the undersigned, **M. Edward Womble, Watertown, MA; and Richard H. Clarke, Boston, Massachusetts**, are the inventors of certain inventions or discoveries set forth in a patent application in the United States of America entitled:

PROBE ASSEMBLIES FOR RAMAN SPECTROSCOPY

identified as Attorney Docket No. 102044-7, which application was filed on February 14, 2003, and assigned Application No. 10/367,238 (in the event that the filing date and Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys at Nutter, McClennen & Fish, LLP, World Trade Center West, 155 Seaport Boulevard, Boston, MA 02210-2604, to insert above the Filing Date and/or Application No. of said application); and

Whereas, **Raman Systems, Inc.**, a Massachusetts corporation having a place of business at **108 Water Street, Suite 3R, Watertown, Massachusetts 02472**, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

Date: 6/19/03

M. Edward Womble
Signature of: M. Edward Womble

Commonwealth of Massachusetts

County of SUFFOLK

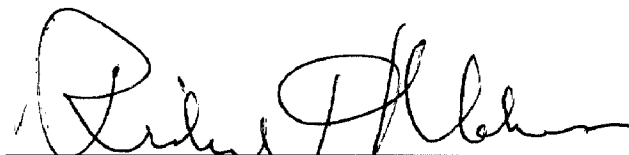
Subscribed and sworn to before me this 19 day of JUNE, 2003.

Thomas R. Robish
Notary Public

My commission expires 5/27/2005.

SEAL

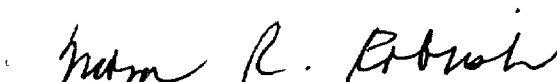
Date: 6/19/2003


Signature of: Richard H. Clarke

Commonwealth of Massachusetts

County of SUFFOLK

Subscribed and sworn to before me this 19 day of JUNE, 2003.


Notary Public

My commission expires 5/27/2003.

SEAL

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