FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

01-23-2002

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| Name (line 1) | Joshua B. Paul | Month Day Year 10 10 2001 |
| Name (line 2) | | Execution Date |
| Second Party Name (line 1) | James J. Scherer | Month Day Yea 10 11 2001 |
| Name (line 2) | 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0 | |
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|---|---|---|--|
| Correspond | ent Name and Address | Area Code and Telephone Numb | Der (408) 297-9733 |
| Name | Thomas Schneck | | |
| Address (line 1) | Law Offices of Thomas Schne | ck | |
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| Address (line 3) | San Jose, CA 95109-0005 | | |
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| Thon | nas Schneck | Momes Solewer | October 23, 2001 |
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PATENT REEL: 012481 FRAME: 0374 FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

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ASSIGNMENT

WHEREAS, the undersigned, JOSHUA B. PAUL, having an address of 65 Naples Road #1, Brookline, MA 02446; JAMES J. SCHERER, having an address of 40 Burgoyne Court, San Mateo, County of San Mateo, State of California 94402; and ANTHONY O'KEEFE, having an address of 21093 Red Fir Court, Cupertine, County of Santa Clara, State of California 95014 (hereinafter termed Assignors) have invented certain new and useful improvements in an invention entitled ABSORPTION SPECTROSCOPY INSTRUMENT WITH OFF-AXIS LIGHT INSERTION INTO CAVITY; the undersigned Assignors hereby authorize and request that the serial number and filing date of said patent application be entered herein by the attorney in charge of the application, as soon as such information is known:

| Serial | No. 09/976,549 | | | |
|--------|----------------|-----|------|--|
| Filed: | October | 12, | 2001 | |

WHEREAS, LOS GATOS RESEARCH, INC., a California corporation, having an address of 67 East Evelyn Avenue, Suite 3,

Mountain View, California 94041 (hereinafter termed Assignee) is desirous of acquiring the entire right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patent thereon when granted in the United States and foreign countries;

PATENT REEL: 012481 FRAME: 0376 NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by said Assignors from said Assignee, the receipt and sufficiency of which in full are hereby acknowledged by said Assignors:

- 1. Said Assignors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest in and to said application and said invention and in and to any and all improvements on said invention heretofore or hereafter made or acquired by said Assignors; and in and to any and all Letters Patent on said invention and/or said improvements that may be granted in the United States or any foreign country, including each and every Letters Patent granted on any application which is a division, continuation, substitution, renewal, or continuation-in-part of any of said application specifically identified herein, and in and to each and every reissue or extension of said Letters Patent.
 - 2. Said Assignors hereby covenant and agree to cooperate with said Assignee whereby said Assignee may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect in it the right, title and

-2-

interest herein conveyed; (b) prompt execution of all petitions, oaths, specifications or other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee for prosecuting said application, for filing and prosecuting divisional, continuation, substitution, renewal, continuationin-part, or additional applications in the United States and/or foreign countries covering said invention and/or said improvements, for filing and prosecuting applications for reissuance of Letters Patent included herein, or for interference proceedings involving said invention and/or said improvements; (c) prompt assistance and cooperation in the prosecution of interference proceedings involving said invention and/or said improvements and in the adjudication of said Letters Patent, particularly by the disclosure of facts and the production of evidence relating to said invention and/or said improvements, provided the expenses which may be incurred by said Assignors in lending such assistance and cooperation shall be paid by the Assignee.

3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, these said Assignors have executed and delivered this instrument on the dates shown below.

October 10, 2001

OCTOPS 11, 2001 OCTOPS 10, 200 /

Oct. 11, 2001 October 8, 2001 JOSHUA B. PAUL

JAMES J. SCHERER

ANTHONY O' BEEFE

County of Middlesan State of Massachusetts)

on 10-10-0), before me, 105 Hoth Paul, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his 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 Secol Legel (Seal)

State of California

on 10/11/201 , before me, Betty Hoor, personally appeared JAMES J. SCHERER, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his 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 $\begin{cal} \begin{cal} \begin$

Signaure Seal)



County of Santa Clara)
) s.s.
State of California)

RECORDED: 01/11/2002

on 10/11/2021, before me, Betty for, personally appeared ANTHONY O'KEEFE, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his 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

(Seal)

BETTY HWANG
COMM. #1243135
Notary Public-California
SANTA CLARA COUNTY
My Comm. Exp. Nov. 23, 2003