To the Honorable Commissioner of Patents:

1. Name of conveying party(ies):
   Mark M. Wang; Eugene Tu; James P. O'Connell; Kristie L. Lykstad; William F. Butler

2. Name and address of receiving party:
   Name: Genoptix
   Internal Address:
   Street Address: 3398 Carmel Mountain Road
   City: San Diego State: CA Zip: 92121

3. Nature of conveyance:
   ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name
   ☐ Other

   Execution Date: February 20, 2002

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: February 20, 2002

   A. Patent Application No(s): 09/993,326

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: David B. Murphy
   Internal Address: LYON & LYON LLP
   633 West Fifth Street, Suite 4700
   Los Angeles, CA 90071-2066

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):
   $40.00
   ☐ Enclosed ☑ Charge this Deposit Account if any additional fee is required

8. Deposit Account Number: 12-2475

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.

   David B. Murphy, Reg No: 31,125
   Date: February 22, 2002

   Total number of pages including cover sheet:

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   OC-104408.1

   CERTIFICATION OF MAILING (37 C.F.R. §1.8a)
   I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

   Denise M. Doss
   Name of Person Mailing Paper
   Signature of Person Mailing Paper

   Date of Deposit: February 22, 2002

   03/14/2002 1AAN/AE1 00000116 122475 09933585
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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, Mark M. Wang, a citizen of the United States, residing at 8090 Regents Road, #302, San Diego, California 92122, Eugene Tu, a citizen of the United States, residing at 3527 Lark Street, San Diego, California 92103, James P. O'Connell, a citizen of the United States, residing at 682 Hoska Drive, Del Mar, California 92067, Kristie L. Lykstad, a citizen of the United States, residing at 18622 Caminito Cantilena, #309, San Diego, California 92128, and William F. Butler, a citizen of the United States, residing at 8519 Sugarman Drive, La Jolla, California 92037, (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled METHODS AND APPARATUS FOR MEASUREMENT OF DIELECTRIC CONSTANTS OF PARTICLES for which application for Letters Patent of the United States of America has been filed on November 14, 2001, assigned Serial No. 09/993,326; and

WHEREAS, GENOPTIX, and having its place of business at 3398 Carmel Mountain Road, San Diego, California 92121 (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 therefor 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, ASSIGNORS hereby sell, assign, transfer and set 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
ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue
said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in
accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been
or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant 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 ASSIGNORS 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 country, which may be necessary or desirable
to carry out the purposes thereof.
WITNESS my hand at San Diego, CA, this 8th day of Feb, 2002.

Mark M. Wang

STATE OF CALIFORNIA )
) ss
COUNTY OF SAN DIEGO )

On 2/18/02 before me, DEANN L. ZELLMANN personally appeared.

MARK M. WANG

☑ 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.

DEAN L. ZELLMANN
Commission # 1340858
Notary Public - California
San Diego County
My Comm. Expires Jan 21, 2008

Notary Public in and for said County and State
WITNESS my hand at San Diego CA.

__________________________, this 13 day of February.

Eugene Tu

STATE OF CALIFORNIA )

) ss

COUNTY OF SAN DIEGO )

On 2/13/02 before me, DEANN L. ZELLMANN, personally appeared EUGENE TU.

[Box checked] personally known to me - OR - [X] 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.

DEANN L. ZELLMANN
Commission # 1340858
Notary Public - California
San Diego County
My Comm. Expires Jan 21, 2006

Notary Public in and for said County and State
WITNESS my hand at San Diego, California,

__________________________, this 20th day of February _____________.

James P. O’Connell

STATE OF CALIFORNIA )
) ss
COUNTY OF San Diego )

On 2/10/02 before me, DEANN L. ZELLMANN personally appeared

James P. O’Connell

☐ 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,
exercised the instrument.

WITNESS my hand and official seal.

DEANN L. ZELLMANN
Commission # 1340858
Notary Public - California
San Diego County
My Comm. Expires Jan 21, 2006

Notary Public in and for said County and State
WITNESS my hand at San Diego, California, this 11th day of February, 2002.

Kristie L. Lykstad

STATE OF CALIFORNIA

COUNTY OF SAN DIEGO

On 2/11/02 before me, DEANN L. ZELLMANN, personally appeared before me, KRISTIE L. LYKSTAD

☐ 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.

Notary Public in and for said County and State

DEANN L. ZELLMANN
Commission # 1340858
Notary Public - California
San Diego County
My Comm. Expires Jan 21, 2008
WITNESS my hand at San Diego, CA, this 13th day of February, 2002.

William F. Butler

STATE OF CALIFORNIA )
) ss
COUNTY OF San Diego )

On 2/13/02 before me, Deann L. Zellmann, personally appeared
William F. Butler

☑ 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.

Deann L. Zellmann
Notary Public in and for said County and State

DEANN L. ZELLMAN
Commission #1340868
Notary Public - California
San Diego County
My Comm. Expires Jan 21, 2008