06-25-2003 Docket No. 02-035-C U.S. DEPARTMENT OF COMMERCE **HEET** Patent and Trademark Office 102481448 To The Holozable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of serveying warry(ies): Name and address of receiving party(ies) 6.16.03 **Timothy Patno** Nanosphere, Inc. Mark Fisher George Kyaw Soe Maung **Tom Westberg** Address: 1818 Skokie Blvd, Suite 200 Northbrook, IL 60062 Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Nature of conveyance: Name: ■ Assignment ☐ Merger Address: ☐ Security Agreement ☐ Change of Name □ Other Execution Date: 3/28/03, 4/23/03, 4/30/03, and 5/30/03. Additional name(s) & address(es) attached? □ Yes ☒ No Application number(s) or patent number(s): Patent Application No.(s) Filing Date B. Patent No.(s) 10/352,714 January 27, 2003 Additional numbers attached? ☐ Yes ☒ No Name and address of party to whom correspondence concerning document should be mailed: Total number of applications and patents involved: 1 Name: Edward K. Runyan Registration No.: 43,067 7. Total Fee (37 CFR 3.41).....\$40.00 Company Name: McDonnell, Boehnen, Hulbert & Berghoff ☐ Authorized to be charged to deposit account Street Address: 300 South Wacker Drive – 32nd Floor City: Chicago State: Illinois Deposit account number: 13-2490 Country: U.S.A. ZIP: 60606 d6/19/2003 YPOLITE1 00000001 10352714 DO NOT USE THIS SPACE 40.00 DP 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. Edward K. Runyan Date: June 16, 2003 Printed Name of Person Signing Total number of pages including cover sheet, attachments, and document: 6 Mail documents to be recorded with required cover sheet information to: **Mail Stop Assignment Recordation Services** Director of the United States Patent and Trademark Office PO Box 1450 Alexandria, Virginia 22313-1450

> PATENT REEL: 014194 FRAME: 0215

ASSIGNMENT

Case No.: 02-035-C Serial No.: 10/352,714

Inventors: Tim Patno, Mark Fisher, George Kyaw Soe Maung,

Thomas Westberg

Date of Execution

of Application: Filing Date: January 27, 2003

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Nanosphere, Inc., a corporation of the State of Delaware

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

HYBRIDIZATION DEVICE AND METHOD

and identified as:

Case No. 02-035-C

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

- 1 -

PATENT REEL: 014194 FRAME: 0216 For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Timothy Patno

State of Illinois

County of Cook

The foregoing instrument was acknowledged before me this lotte day of

June, 2003 by Timothy Patno.

BLIC

OFFICIAL SEAL JAMIE M. A**BRAN**S

NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 9-24-2005 Mark Fisher

State of Illinois

County of Cock

The foregoing instrument was acknowledged before me this day of

2003 by Mark Fisher.

book mile

OFFICIAL SEAL MARY S. DEMARCO

NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 5-15-2006

WITNESS my hand and seal this	30	day of	MAY	2003.
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George Kyaw Soe Maung

State of Zlinois
County of Cook

MY COMMISSION EXPIRES 5-15-2006

The foregoing instrument was acknowledged before me this 30th day of

MAY

, 2003 by George Kyaw Soe Maung.

NOTARY PUBLIC

OFFICIAL SEAL
MARY S. DE MARCO
NOTARY PUBLIC, STATE OF ILLINOIS

- 4 -

WITNESS my hand and seal this ______ io day of ______, 2003.

Tom Westberg

State of Illinois

County of Cook

The foregoing instrument was acknowledged before me this lotted day of

June, 2003 by Tom Westberg.

NOTARY PUBLIC

OFFICIAL SEAL
JAMIE M. ABRAMS
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 9-24-2005

TELEPHONE (312.9) 3.0001 RECORDED: 06/16/2003