| FORM PTO-1595<br>(Rev. 6-93)   | RECORD  | IIDIR ADA PRIN AND | 9-2000   | · · ·      |                                    | ARTMENT OF COMMERCE tand Trademark Office |
|--|---|--------------------|--|------------|------------------------------------|---|
| MRD5-19-00   |   |                    |  |            | Attorney Re                        | f. No. <u>429981/009</u>                  |
| To the Honorable Commissione   | er of Patents   |                    | 376784   | :          | ed original documen                | ts or copy thereof.                       |
| 1. Name of conveying party(ies):   |   |                    |  | Auuros     | of receiving party(ies             | s)  |
| Mee Koy Chin   |   |                    | Name:  |            |                                    | 7 S                                       |
| Additional name(s) of conveying party(ies)  3. Nature of conveyance:  X Assignment  Security Agreement   | Nanovation Technologies, Inc. 2665 South Bayshore Drive Miami, Florida 33133  Additional name(s) & address(es) attached?YesX_No |                    |  |            |                                    |   |
| Other  |   |                    |  |            |                                    |   |
| Execution Date: May 18, 2000   |   |                    |  |            |                                    |   |
| 4. Application number(s) or patent r   | number(s):  |                    |  |            |                                    |   |
| If this document is being filed tog  | ether with a new app  | lication, the      | execution date of  | of the app | lication is: May 19, 2             | 2000                                      |
| A. Patent Application No.(s)   | B. Patent N   |                    | •  |            |                                    |   |
| 09/574835  |   |                    |  |            |                                    |   |
| Additional numbers attached? Yes _X_ No  |   |                    |  |            |                                    |   |
| 5. Name and address of party to who concerning document should be m  | 6. Total number of applications and patents involved: 1   |                    |  |            |                                    |   |
| STROOCK & STROOCK & LAVAN LLP  |   |                    | 7. Total fee (37 CFR 3.41) \$ <u>40.00</u>                                   |            |                                    |   |
| 180 Maiden Lane<br>New York, New York 10038-4982   |   |                    | Enclosed   |            |                                    |   |
|  |   |                    | _X Any deficiency is authorized to be charged to Deposit Account No. 19-4709 |            |                                    |   |
|  |   |                    | 8. X Charge to Deposit Account No. 19-4709                                   |            |                                    |   |
|  | (Attach duplicate copy of this page if paying by deposit account)   |                    |  |            |                                    |   |
|  |   | DO NOT USE         | THIS SPACE   |            |                                    |   |
| 9. Statement and signature.  To the best of my knowledge and the original document.  Steven B. Pokotilow, Reg. No  | . 26,405  | M3//               | Ishrue and corre   |            | May 19, 2000                       | true copy of                              |
| Name of Person Signing   | Signati   |                    |  |            | Date<br>uding cover sheet, attachm | nents, and document:3_                    |
| Mail documents to be recorded with required cover sheet information to:  Commissioner of Patents & Trademarks, Box Assignments 6/08/2000 DHGUYEN 00000251 194709 09574835 Washington, D.C. 20231 1 FC:581 40.00 CH |   |                    |  |            |                                    |   |

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## ASSIGNMENT

WHEREAS, I Mcc Koy Chin, citizen of Malaysia, residing at 3506 Elmwood Avenue, Wilmette, Illinois, 60091, hereinafter referred to as ASSIGNOR, have invented certain new and useful improvements in NANOPHOTONIC DIRECTIONAL COUPLER DEVICE, for which I have executed and filed an application for Letters Patents of the United States on even date herewith;

WHEREAS, Nanovation Technologies, Inc., a corporation having a principal place of business at 2665 South Bayshore Drive, Suite 501, Miami, Florida 33133, hereinafter referred to as ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the improvements and the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its respective successors, legal representatives and assigns, my entire right, title and interest in, to and under the improvements, and the application and all divisions, renewals, continuations and continuations-in-part thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for the improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for the improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for the improvements to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting the improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do

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everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the improvements in all countries.

IN TESTIMONY WHEREOF, I have set my hand and seal to this Assignment.

May 18 , 2000

Illinois. State of

County of Cook

On this 18 day of May 2000 before me, a Notary Public in and for the State and County aforesaid, personally appeared MEE KOY CHIN, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

OFFICIAL SEAL FRANCIS T. MOY NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 6/23/2001

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