Docket No.: 12962

FORM PTO-1595 (Modified) 09-20-1999 U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar P08A/REV02 Tab settings -To the Honorable Commissioner of Patents and 101148592 attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Ichiro Hirosawa Name: NEC Corporation Address: 7-1, Shiba 5-chome Minato-ku 3. Nature of conveyance: ☐ Merger Assignment City: Tokyo ☐ Change of Name State/Prov.: ☐ Security Agreement Country: Japan ZIP: ☐ Other Execution Date: August 30, 1999 Additional name(s) & address(es) attached? ☐ Yes X No 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: August 30, 1999 B. Patent No.(s) Filing date Patent Application No. 09-391049 Additional numbers attached?

Yes
No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Paul J. Esatto, Jr. 7. Total fee (37 CFR 3.41):....\$ 40.00 30,749 Registration No. Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: SCULLY, SCOTT, MURPHY & PRESSER Authorized to be charged to deposit account 400 Garden City Plaza 09/15/1999 DBUTLER 00000019 09391049 8. Deposit account number: 40.00 00 4 FC:581 City: Garden City State/Prov.: NY 19-1013/SSMP ZIP: 11530 Country: USA DO NOT USE THIS SPACE 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. September 7, 1999 Paul J. Esatto, Jr. Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document:

> PATENT REEL: 010233 FRAME: 0859

Assignment



In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I, the undersigned,

Ichiro HIROSAWA

Hereby sell, assign and transfer to NEC Corporation

a corporation

of Japan having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all improvements which are disclosed and claimed, and as possessed by the undersigned, any and all improvements which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned

on August 30, 1999

and is entitled

EVALUATION METHOD FOR THIN FILM MOLECULAR ORIENTATION, EVALUATION APPARATUS FOR THE ORIENTATION AND RECORDING MEDIUM

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said improvements;

Authorize and request the Commissioner of Patents to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent for said improvements, or any of them; and may claim, in applications for said foreign Letters Patent, the priority of the aforesaid United States application under the provisions of the International Convention; and that, when requested, without charge to but at the expense of said Assignce, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue and all other patent PATENTONS on any

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and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Anuerisms with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

	Delino Hiresama (=)	(L.S.)
Date: August 30, 1999	Ichiro HIROSAWA	<i>y</i> , , ,
Witness: Bumitohe Watanabe		
Date:		(L.S.)
Date:		
Witness:		
		(L.S.)
Date:	-	(D.3.)
Witness:	-	
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RECORDED: 09/07/1999

PATENT REEL: 010233 FRAME: 0861

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