

PAT

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Masanori Yoshida Seiji Watanabe

Individuals

Additional names(s) of conveying party(ies) attached? NO

3. Nature of conveyance:

Assignment

Execution Date: 2/1/99

2. Name and Address of receiving party(ies):

NEC Corporation 7-1, Shiba 5-chome Minato-ku, Tokyo, Japan

A Corporation of Japan

Additional name(s) & address(es) attached? No

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:

A. Application No.(s)

09/219,612

B. Patent No.(s)

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

OSTROLENK, FABER, GERB & SOFFEN, LLP 1180 Avenue of the Americas New York, New York 10036-8403

6. Total number of documents involved: 1

7. Total fee (37 CFR 3.41):

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PATENT

REEL: 9853 FRAME: 0720

PATENT APPLICATION ASSIGNMENT	_
SOLE OR JOINT INVENTORS	
EXECUTED OUTSIDE U.S.A.	

RECORDED: 03/26/1999

OFGS	FILE	NO.	
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WHEREAS, I (We),Masanori YOSHIDA,	and Seiji WATANABE
as as improvements in AN OPTICAL CHARACTERISTIC	ssignor(s), have invented certain
	for
which an application for United States Letters seven date herewith; and	Patent has been executed by me (us) of
WHEREAS, <u>NEC CORPORATION</u>	
7-1, Shiba 5-chome, Minato-ku, Tok	yo, Japan
as assignee, is desirous of acquiring all right invention and any Patent that may be granted the	, title and interest in and to said erefor.
NOW, THEREFORE, in consideration of valuable consideration, the receipt of which is signor(s), hereby sell, assign and set over to and interest for the United States and all other and the aforesaid application for Patent, all substitute or reissue applications and patents. United States and all other countries, including ing of said application, and all rights for proof Patents and Trademarks is hereby authorized said inventions or resulting therefrom to said entire interest therein; and the undersigned legal representatives, heirs and assigns do her remuneration, to execute and deliver all divis applications for Patent on said inventions assignee or its assigns, to communicate to sa facts known to the undersigned respecting satestify in any interferences or other legal protions or patents may become involved, to sign oaths, and to do generally everything necessar assigns and nominees to obtain patent protect States and all other countries, the expenses borne and paid by said assignee.	said assignee the entire right, title ner countries in and to said invention original, divisional, continuation, applied for or granted therefor in the gall rights of priority from the filast infringement, and the Commissioner and requested to issue all patents on dassignee herein, as assignee of the for myself (ourselves) and my (our) reby agree and covenant without further ional, continuation, reissue and other and all assignments thereof to said id assignee or its representatives all id inventions, whenever requested, to ceedings in which any of said application all lawful papers, make all rightful ry to assist assignee, its successors, tion for said invention in the United
Date: 1/February/1999	Musanori Yoskida(富) Masanori YOSHIDA
Date: 1/February/1999	Leiji Watanabe (3) Seif WATANABE
Date:	
Date:	
Date: Witness: Ja dayroshi Janigawa	

PATENT REEL: 9853 FRAME: 0721