

U.S. DEPARTMENT OF COMMERCE

To the Honorable Commissioner of Patents and Trademarks: P	Please record the attached original documents or copy to
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Yoshiyasu Ueno 68/01/02	Name: NEC Corporation
	Internal Address:
	Street Address:
Additional name(s) of conveying party(ies)  Additional name(s) of conveying party(ies)  Yes X No	7-1, Shiba 5-Chome
3. Nature of Conveyance:	Minato-ku 108-8001
X Assignment Merger	
Security Agreement Change of Name	City: Tokyo
Other	
	State: Japan Zip: Additional name(s) & Yes X
Execution Date: January 28, 2002	Additional name(s) & Yes x address(es) attached:
Application number(s) or patent number(s):	
If this document is being filed together with a new application, the ex	ecution date of the new application is: January 28, 2
A. Patent Application No.(s):	B. Patent No.(s):
19/060324	
Additional numbers attache	ed? Yes xNo
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Stephen A. Soffen	
DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP	7. Total fee (37 CFR 3.41) \$40.0
Internal Address: Atty. Dkt.: S2005.0002/P002	x Enclosed
Street Address: 1177 Avenue of the Americas	X Authorized to be charged to deposit a
	8. Deposit account number:
	04-1073
City: State: Zip:	(Attach duplicate copy of this page if paying by deposit a
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9. Statement and signature.	
To the best of my knowledge and belief, the foregoing info is a true copy of the original document.	ormation is true and correct and any attached cop
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	February 1, 200
Stephen A. Soffen (31,063)  Name of Person Signing	
	gnatufe Date

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Form **PTO-1595** 

**REEL: 012554 FRAME: 0132** 

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

OFGS FILE NO	
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WHEREAS, I (We), YOSHIYASU UE	as assignor(s), have invented certain
improvements in	
METHOD AND SYSTEM FOR ALL-OPTICAL SIGNAL RE	
which an application for United States Lett even date herewith; and	ters Patent has been executed by me (us) of
WHEREAS, NEC Corporation	
	ne Minato-ku Tokyo Japan
as assignee, is desirous of acquiring all r invention and any Patent that may be grante	ight, title and interest in and to said do therefor.
valuable consideration, the receipt of whi signor(s), hereby sell, assign and set ove and interest for the United States and all and the aforesaid application for Patent substitute or reissue applications and pate United States and all other countries, incling of said application, and all rights for Patents and Trademarks is hereby author said inventions or resulting therefrom to entire interest therein; and the undersi	r to said assignee the entire right, title other countries in and to said invention, all original, divisional, continuation, ents applied for or granted therefor in the luding all rights of priority from the filor past infringement, and the Commissioner ized and requested to issue all patents on said assignee herein, as assignee of the gned for myself (ourselves) and my (our) or hereby agree and covenant without further livisional, continuation, reissue and other ons and all assignments thereof to said assignee or its representatives all g said inventions, whenever requested, to said inventions in which any of said application all lawful papers, make all rightful essary to assist assignee, its successors, otection for said invention in the United
Date:	YOSHIYASU UENO
Date:	
Date:	
Date:	
Date:	
Fumitaleo Watanahe	
A Tiere mado	PATENT
RECORDED: 02/01/2002	REEL: 012554 FRAME: 01