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PATENTS RE

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To the Assistant Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof. 2. Name and Address of receiving party(ies): 1. Name of conveying party(ies): Nippon Telegraph and Telephone Kazunori NAGANUMA Corporation 3-1 Otemachi 2-chome, Chiyoda-ku Tokyo 100-8116, Japan Type of Entity: Corporation of Japan Type of Entity: Individual Additional names(s) of conveying party(ies) attached? No Additional name(s) & address(es) attached? No 3. Nature of Conveyance: Assignment **Execution Date:** April 26, 2000 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: April 26, 2000 B. Patent No.(s) A. Application No.(s) Additional numbers attached? No Name and address of party to whom Total number of documents involved: 1 correspondence concerning document should be mailed: 40.00 OSTROLENK, FABER, GERB & SOFFEN, LLP 7. Total fee (37 CFR 3.41): 1180 Avenue of the Americas Enclosed as part of Check No. 93933 New York, New York 10036-8403 In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed or if any additional fee due is not paid, the Patent and Trademark Office is authorized to charge the underpayment to Deposit Account No. 15-0700. DO NOT USE THIS SPACE 8. 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. 05/22/2000 IPEOPLES MANAGED May 15, 2000 on Signing Date Śignature 40.000 number of pages including cover sheet, attachments, and document:

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

OFGS FILE	NO.	P/3241-13

WHEREAS, I (We), Kazunori NAGA	
	as assignor(s),
have invented certain improvements in <u>METHOD Al</u> OF OPTICAL SIGNAL	
	ch an application for United States
Letters Patent has been executed by me (us) of eve	en date herewith; and
WHEREAS, NIPPON TELEGRAPH AND TE	LEPHONE CORPORATION
3-1 Otemachi 2-chome, C	hiyoda-ku, Tokyo 100-8116, Japan
as assignee, is desirous of acquiring all right invention and any Patent that may be granted there	
NOW, THEREFORE, in consideration of ovaluable consideration, the receipt of which assignor(s), hereby sell, assign and set over to sa interest for the United States and all other countaforesaid application for Patent, all original, direissue applications and patents applied for or grall other countries, including all rights of priori and all rights for past infringement, and the Combereby authorized and requested to issue all pattherefrom to said assignee herein, as assignee of undersigned for myself (ourselves) and my (our) ledo hereby agree and covenant without further remdivisional, continuation, reissue and other applicational assignments thereof to said assignee or its as or its representatives all facts known to the unwhenever requested, to testify in any interference any of said applications or patents may become invall rightful oaths, and to do generally everythis successors, assigns and nominees to obtain patent United States and all other countries, the expense borne and paid by said assignee.	id assignee the entire right, title and tries in and to said invention and the ivisional, continuation, substitute or anted therefor in the United States and ty from the filing of said application, missioner of Patents and Trademarks is tents on said inventions or resulting the entire interest therein; and the gal representatives, heirs and assigns uneration, to execute and deliver all ations for Patent on said inventions and signs, to communicate to said assignee adersigned respecting said inventions, es or other legal proceedings in which colved, to sign all lawful papers, make ing necessary to assist assignee, its protection for said invention in the es incident to said applications to be
Date: April 26, 2000	Kazunori NAGANUMA
	NASANOI I NASANONA
Date:	
Date:	

LEGALIZATION RECOMMENDED

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