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U.S. DEPARTMENT OF COMMERCE Form PTO-1595 101222376 Patent and Trademark Office 1-31-92 RECORDATION FORM COVER SHEET PATENTS ONLY To the Assistant Commissioner of Patents. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies)? Toshivasu NAKAO, Atsushi KASHITANI NEC CORPORATION 7-1. Shiba 5-chome Minato-ku, Tokyo, Japan Additional name(s) of conveying party(ies) attached? 1 no □ yes 3. Nature of Conveyance: Additional name(s) & address(es) attached? ☐ Merger ☑ Assignment □ yes ☑ no Security Agreement ☐ Change of Names [] Other Execution Date: November 19, 1999 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: November 19, 1999 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? ☐ Yes ☑ No 6. Total number of applications and registration involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total Fee (37 CFR 3.41): \$40.00 1. Frank Osha, Esq. SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC ☑ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880. 2100 Pennsylvania Avenue, N.W. Suite 800 ☐ Authorized to be charged to Deposit Account Washington, D.C. 20037-3213 8. Deposit Account No. 19-4880 DO NOT WRITE IN THIS SPACE 5. 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 criginal document. November 24, 1999 Reg. No. 24,625 Date J. Frank Osha TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2 OMB No. 0651-0011 (exp. 4/94) Do not detach this portion Mail documents to be recorded with required cover sheet information to: **Assistant Commissioner of Patents Box Assignments** Washington, D.C. 20231

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PATENT REEL: 010432 FRAME: 0131

Assignment

Whereas, WWe	, (1) Toshiyasu N	akao; and (2) At	sushi Kashitani	of
	c/o NEC Corporation	on, 7-1, Shiba 5	5-chome, Minato-ku	, Tokyo, Japar
hereinafter called a	ussignor(s), have invento	ed certain improveme	ents in	
IMAGE INPUT M	ETHOD, IMAGE INPUT	APPARATUS, AND	RECORDING MEDIUM	
and executed an	application for Letter	s Patent of the Ur	nited States of Americ	a therefor on
	November 19,	19 99 ; and		
	NEC Corporation 7-1, Shiba 5-ch Minato-ku, Toky to acquire the entire rig	ome, o, Japan	in the application and in	vention, and to
any United States	patents to be obtained t	herefor;		
Now therefore,	for valuable considerati	on, receipt whereof	s hereby acknowledged	· .
*/We, the above	named assignor(s), here	by sell, assign and tr	ansfer to the above name	ed assignee, its
successors and ass	igns, the entire right, tit	e and interest in the	application and the inve	ntion disclosed
therein for the Unite	ed States of America, in	cluding the right to c	laim priority under 35 U.	S.C. §119, and
¥/we request the Cor	mmissioner of Patents to	issue any Letters Pat	ent granted upon the inv	ention set forth
in the application to	o the assignee, its suc	cessors and assigns	; and I/we will execute	without further
consideration all pap	ers deemed necessary b	y the assignee in coni	nection with the United Sta	ates application
when called upon to	o do so by the assigne	₽.		
#We hereby au	thorize and request my	attorneys SUGHRU	E, MION, ZINN, MACPE	AK & SEAS of
2100 Pennsylvania A	venue, N.W., Washingto	in, D.C. 20037-3202 to	insert here in parenthes	es (Application
number	, filed _) the filing date a	nd application
number of said app	lication when known.			
		2 1		
Date: November	e 19, si Yoshyo	a Makao	(Spo)	
1999		Toshi	yasu Nakao 林	
Date: November 1999	19, s Atms	hi Kachitanu Atsus	ni Kashitani	
Date:	s/			
Witness:	\sim	0 0 1.7-4		
Date: November	19, & Stim	take Wat	anabe	
1999	\sim	r umi ti	ant watanabe	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

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Date: November 19,

RECORDED: 11/24/1999

PATENT REEL: 010432 FRAME: 0132