Form **PTO-1595** (Rev. 09/ 04) OMB No. 0651-0027 (exp. 6/30/2005)



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To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(s	es) below
1. Name of conveying party(ies)/Execution Date(s): Yoshiki Imura	Name and address of receiving party(ies) Name: NEC Corporation	014 17
Execution Date(s): November 5, 2004 Additional name(s) of conveying party(ies) attached? Yes X No	Internal Address: Street Address: NEC Corporation, 7-1, Shiba 5-chome,	22278 U.S.
3. Nature of Conveyance: X Assignment	Minato-ku, Tokyo 108-8001, Japan City:	
Executive Order 9424, Confirmatory License Other	State: Country: Zip: Additional name(s) & address(es) Yes attached:	x No
4. Application or patent number(s): A. Patent Application No.(s) This application	This document is being filed together with a new appl B. Patent No.(s)	ication.
Additional numbers attached 5. Name and address to whom correspondence	6 Total number of applications and	,
concerning document should be mailed: Name: Steven I. Weisburd DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Internal Address: Atty. Dkt.: N0029.1667 Street Address: 1177 Avenue of the Americas	patents involved:).00 unt
41st Floor	Enclosed None required (government interest not at	ffecting ti
City: New York State: NY zip: 10036-2714 Phone Number: (212) 896-5470 Fax Number: (212) 997-9880 Email Address: WeisburdS@DSMO.com	8. Payment Information a. Credit Card Last 4 Numbers 100 Expiration Date 02/23 b. Deposit Account Number Authorized User Name	
9. Signature:		
Signature Signature	November 12, 2 Date	2004

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ASSIGNMENT BY INVENTORS

1H19 A551GN	NMEN1, by $\underline{10}$	SHIKI IMU	<u>KA</u> ,		
, ar	nd	(hereinafter refe	erred to as	
"Assignors"), residing at _	Tokyo, Japan		······································		
					, and
	, r	espectively;	•		
WHEREAS, A	ssignors have inve	ented certai	in new and use	ful improv	ements in
MOBILE COMMUNICATION	TERMINAL			_, set forth	in a patent
application for Letters Pate	ent of the United	l States, exe	cuted concurr	ently herev	vith; and
WHEREAS,	NEC Corporati	.on	(hereinafter re	eferred to a	\$
"Assignee"), having offices	s at <u>7-1, Shiba</u>	5-chome, 1	Minato-ku, To	okyo, Japa	, is
desirous of acquiring the e	ntire right, title a	and interest	in and to said	inventions	and said
Application for Letters Pat	ent of the United	d States, an	d in and to an	y Letters Pa	ent of
the United States to be ob	tained therefor a	nd thereon.	-		
NOW, THERE	EFORE, in consi	deration of	One Dollar (S	\$1.00) and	other
good and sufficient consideration, the receipt of which is hereby acknowledged, Assign				, Assignors	
have sold, assigned, transfe	erred and set over	r, and by th	ese presents d	o sell, assig	n, transfer
and set over, unto Assigned	e, its successors, l	legal repres	entatives and a	assigns, the	entire
right, title and interest in a	and to the above-	mentioned	inventions and	d applicatio	on for
Letters Patent, and in and	to any and all dir	rect and ind	lirect divisions	, continuat	ions and
continuations-in-part of sai	id application, an	nd any and a	all Letters Pate	ent in the U	Jnited
States and all foreign coun	tries which may l	be granted	therefor and tl	hereon, and	l reissues,
reexaminations and extensi	ions of said Lette	ers Patent, a	ınd all rights u	nder the	
International Convention i	for the Protection	n of Industr	rial Property, t	he same to	be held

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successors, legal representatives and assigns, to the full end of the term or terms for which

and enjoyed by Assignee, for its own use and benefit and the use and benefit of its

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Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

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AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document: Edward A. Meilman, Reg. No. 24,735, Gary M. Hoffman, Reg. No. 26,411, Steven I. Weisburd, Reg. No. 27,409, Thomas J. D'Amico, Reg. No. 28,371, Donald A. Gregory, Reg. No. 28,954, Stephen A. Soffen, Reg. No. 31,063, James W. Brady, Jr., Reg. No. 32,115, Jon D. Grossman, Reg. No. 32,699, Mark J. Thronson, Reg. No. 33,082, Michael J. Scheer, Reg. No. 34,425, and Eric Oliver, Reg. No. 35,307, of Dickstein Shapiro Morin & Oshinsky LLP.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Assignors:	
Yoshiki Umura 144 Yoshiki IMURA	Date: November 5, 2004
	Date:
·	Date:
	Date:
Witnesses:	
- Ladapho Aru-	Date: November 5, 2004
The Durt	Date: November 5, 2004

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RECORDED: 11/12/2004

PATENT REEL: 015985 FRAME: 0877