Form <b>PTO-1595</b> (Rev. 03/ 01) OMB No. 0651-0027 (exp. 5/31/2002)	RECORDANIA PATENT		PARTMENT OF COMMERC Patent and Trademark Offic
To the Honorable Commissioner	of Patents and Trademarks:	Please record the attached original do	ocuments or copy thereof
1. Name of conveying party(ie	-	2. Name and address of received	ving party(ies)
Shigeru Kurita (09/26/2003) ar (09/26/2003)	id Yoshikazu Kobayashi	Name: NEC Infrontia Corpo	
(09/20/2003)	3-03	Internal Address:	<sup>4</sup> د
		Street Address:	N.C.
Additional name(s) of conveying party(i attached?	es) Yes X No	2-6-1, Kitamikata Takatsu-ku, Kawasaki-shi	
3. Nature of Conveyance:		Kanagawa	23.
X Assignment	Merger	Japan	1 <b>0</b>
Security Agreement	Change of Name	City:	
Other		Country:	Zini
	0 (0 (0 0	Additional name(s) &	Zip:
Execution Date:	9/6/03	address(es) attached:	Yes X No
5. Name and address of party to		6. Total number of applications	and
concerning document should I Name: DICKSTEIN SHAPIRO Internal Address: Atty. Dkt.: Y	whom correspondence be mailed: MORIN & OSHINSKY LLI	6. Total number of applications patents involved: 7. Total fee (37 CFR 3.41)	<u>    1                                </u>
concerning document should I Name: DICKSTEIN SHAPIRO Internal Address: Atty. Dkt.: Y Street Address: 1177 Avenue of the Americas	whom correspondence be mailed: MORIN & OSHINSKY LLI	6. Total number of applications patents involved: 7. Total fee (37 CFR 3.41) Enclosed X Authorized to be char	1\$40.00
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concerning document should I         Name: DICKSTEIN SHAPIRO         Internal Address: Atty. Dkt.: Y         Street Address:         1177 Avenue of the Americas         41st Floor         City:         New York         9. Statement and signature.         To the best of my knowledge a	whom correspondence be mailed: MORIN & OSHINSKY LLI 1929.0096 State: Zip: NY 10036-2714 DO NOT USE nd belief, the foregoing int cument. 3,082)	<ul> <li>6. Total number of applications patents involved:</li> <li>7. Total fee (37 CFR 3.41) <ul> <li>Enclosed</li> <li>X Authorized to be char</li> <li>(Form 2038 enclosed)</li> </ul> </li> <li>8. Deposit account number: <ul> <li>50-22<sup>-</sup></li> <li>(Attach duplicate copy of this page i</li> </ul> </li> </ul>	1 \$40.00 ged to deposit account ged to credit card 15 f paying by deposit account
concerning document should I Name: DICKSTEIN SHAPIRO Internal Address: Atty. Dkt.: Y Street Address: 1177 Avenue of the Americas 41st Floor City: S New York M 9. Statement and signature. To the best of my knowledge a is a true copy of the original do Mark J. Thronson (33 Name of Person Sig	whom correspondence be mailed: MORIN & OSHINSKY LLI 1929.0096 State: Zip: NY 10036-2714 DO NOT USE nd belief, the foregoing int cument. 3,082)	6. Total number of applications patents involved: 7. Total fee (37 CFR 3.41) Enclosed X Authorized to be char (Form 2038 enclosed) 8. Deposit account number: 50-22 (Attach duplicate copy of this page i THIS SPACE	1 \$40.00 ged to deposit accourged to credit card [5] f paying by deposit accourged any attached copy October 3, 2003

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## ASSIGNMENT BY INVENTORS

	NMENT, by <u>Shigeru</u> Yoshikazu and <u>KOBAYASHI</u>		
"Assignors"), residing at	_Kanagawa, Japan		
			, and
	, respec	tively;	
WHEREAS WIRELESS BASE STATI COMBO OF DIFFERENT			ful improvements in , set forth in a patent
application for Letters Pa	tent of the United State	es, executed concurre	ently herewith; and
WHEREAS.	NEC Infrontia Corporation	(hereinafter re	ferred to as

"Assignee"), having offices at <u>Kawasak1-shi</u>, <u>Kanagawa</u>, <u>Japan</u>, is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which 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.

2

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:

Shigeru Kurita ? Shigeru KURITA

Joshikan /a

Date: <u>Sep</u> .	26.	2003	
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Date: Sep. 26, 2003

Date:

Date:

Witnesses:

Date: Sep. 26, 2003

Date: Sep. 26, 2003

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## **RECORDED: 10/03/2003**

## PATENT REEL: 014590 FRAME: 0274

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