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	FORM COVER SHEET NTS ONLY
To the Commissioner for Patents: Please record thereof.	the attached ori 102014784
1. Name of conveying party(ies): Olaf Hirsch, Atul Kumar Garg, Sunghyun Choi, Abraham Jan de Bart, Paul Gruijters Additional name(s) of conveying party(ies) at ed? X No No No Merger	2. Name and address of receiving party(ies): Name: KONINKLIJKE PHILIPS ELECTRONICS N.V. Street Address: Groenewoudseweg 1 City: Eindhoven Country: The Netherlands University: Zip: 5621 BA Additional name(s) & address(es) attached? Yes No No
Security Agreement Change of Terms Other Execution Date: Feb. 12, 2002, Feb. 14, 2002 Feb. 15, 2002	10/080156
4. Application number(s) or patent number(s):	
If this document is being filed together wi declaration is Feb. 12, 2002, Feb. 14, 2002, Fe	th a new application, the execution date of the b. 15, 2002.
A. Patent Application No.(s) B. P	atent No.(s) Yes No X
NONE YET Addit	ional numbers attached?
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Philips Electronics North America Corp.	6. Total number of applications and patents involved:
Street Address: 580 White Plains Road	7. Total fee (37 CFR 3.41)\$40.00
City: Tarrytown State: NY Zip: 10591	Enclosed X Authorized to Deposit Account
40.00 CH	8. Deposit Account Number: 14-1270 (Attach duplicate copy of this page paying by deposit account)
DO NOT USE	THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the any attached copy is a true copy of the origina Gwenaelle Le Pennec Limited Recognition Under 37 CFR 10.9(b) Name of Person Signing	foregoing information is true and correct and l document. Date
Total number of pages including cover sheet, a	ttachments, and document: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner for Patents

Box Assignments

Washington, D.C. 20231

USA - Domestic 2/2001

SOLE/JOINT ASSIGNMENT

Docket No. US028003

For good and valuable consideration, I, as a below-named Assignor, hereby sell, assign, and transfer the entire right, title, and interest in the following to Koninklijke Philips Electronics N.V., having a place of business at Groenewoudseweg 1, 5621 BA Eindhoven, NL, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

representatives, inc	ob21 BA Eindnoven, NL, its successors, assign cluding any nominees (collectively "the Assig	is, and legal mee"):
A WLAN " as describe [X] ex [] ex [] fi	r invention relating to "COEXISTENCE OF MODU ed in the U.S. patent application xecuted concurrently herewith, xecuted on	rk Office
(2) the for applications based to extensions, and	oregoing application and all other U.S. and fithereon, including divisions, continuations,	oreign patent reissues, and
(3) all pa	atents granted on these applications.	
foregoing right, tit expense of the Assig testify in all legal infringement actions desirable, or conver invention or for per	vide my cooperation to enable the Assignee to the, and interest to the fullest extent. Upon gnee, I agree to execute all papers, take all a proceedings including patent prosecutional s, and do all other such acts which may be no mient for securing and maintaining patents on refecting title thereto in the Assignee. I au patents be issued to the Assignee.	on request at the rightful oaths, actions and acessary, the foregoing
I certify t	that I have the full right to convey the above	e rights.
12-Feb-2002	(signature') Minch	, Assignor
Date	OLAF HIRSCH	
Date	(signature') ATUL KUMAR GARG	, Assignor
Date	(signature') SUNGHYUN CHQI	, Assignor
Date	(signature) ABRAHAM JAN de BART	, Assignor

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Date

(signature)
PAUL GRUIJTERS

<u>Assignor</u>

USA - Domestic 2/2001 .

SOLE/JOINT ASSIGNMENT

Docket No. US028003

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Groenewoudseweg 1	ps Electionics N.V., having a place of , 5621 BA Eindhoven, NL, its successor including any nominees (collectively "	s, assigns, and legal
A WLAN " as descr. [X]	our invention relating to " COEXISTENC: ibed in the U.S. patent application executed concurrently herewith, executed on, filed in the United States Patent and on as Serial	Trademark Office
(2) the applications based extensions, and	foregoing application and all other U d thereon, including divisions, contin	.S. and foreign patent uations, reissues, and
(3) al l	patents granted on these applications	
foregoing right, expense of the Astestify in all leginfringement actions desirable, or continuention or for	rovide my cooperation to enable the Astitle, and interest to the fullest ext signee, I agree to execute all papers, gal proceedings including patent proseons, and do all other such acts which venient for securing and maintaining perfecting title thereto in the Assign e patents be issued to the Assignee.	ent. Upon request at the take all rightful oaths, cutional actions and may be necessary, atents on the foregoing
I certif	y that I have the full right to convey	the above rights.
Date	(signature) OLAF KIRSCH	Assignor
02/15/02 Date	(Signature) ATUL KUMAR GARG	Assignor
Date	(signature') Sunghyun ChOI	, Assignor
Date	(Signature) ABRAHAM JAN de BART	, Assignor
Date	(signature') PAUL GRUIJTERS	Assignor

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PATENT REEL: 012650 FRAME: 0491

USA - Domestic 2/2001

SOLE/JOINT ASSIGNMENT

Docket No. US028003

For good and valuable consideration, I, as a below-named Assignor, hereby sell, assign, and transfer the entire right, title, and interest in the following to Koninklijke Philips Electronics N.V., having a place of business at Groenewoudseweg 1, 5621 BA Eindhoven, NL, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

A WLAN " as describe [X] ex [] ex [] fi	invention relating to " COEXISTENCE OF MODULATE do in the U.S. patent application ecuted concurrently herewith, ecuted on	
(2) the for applications based to extensions, and	regoing application and all other U.S. and fore hereon, including divisions, continuations, rei	ign patent ssues, and
(3) all pa	tents granted on these applications.	
foregoing right, tit expense of the Assig testify in all legal infringement actions desirable, or conver- invention or for per request that these p	ride my cooperation to enable the Assignee to enable, and interest to the fullest extent. Upon rance, I agree to execute all papers, take all riproceedings including patent prosecutional act, and do all other such acts which may be necessient for securing and maintaining patents on the fecting title thereto in the Assignee. I authoratents be issued to the Assignee.	equest at the ghtful oaths, ions and sary, e foregoing rize and
I certify t	that I have the full right to convey the above r	ights.
 	(signature)	Assignor
Date	OLAF HIRSCH	
Date	(signature) ATUL KUMAR GARG	. Assignor
2/11/02 Date	(signature) SUNGHYUN CHOI	, Assignor
Date	(signature) ABRAHAM JAN de BART	, Assignor
Date	(signature) PAUL GRUIJTERS	. Assignor

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SOLE/JOINT ASSIGNMENT

Docket No. US028003

For good and valuable consideration, T, as a below-named Assignor, hereby sell, assign, and transfer the entire right, title, and interest in the following to Koninklijke Philips Electronics N.V., having a place of business at Groenewoudseweg 1, 5621 BA Eindhoven, NL, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) my/our invention relating to " COEXISTENCE OF MODULATION SCHEMES IN A WLAN " as described in the U.S. patent application [X] executed concurrently herewith, [] executed on [] filed in the United States Patent and Trademark Office on as Serial Number,
(2) the foregoing application and all other U.S. and foreign patent applications based thereon, including divisions, continuations, reissues, and extensions, and
(3) all patents granted on these applications.
I will provide my cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutional actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee. I authorize and request that these patents be issued to the Assignee.
I certify that I have the full right to convey the above rights.

(signature') , Assignor
Date SUNGHYUN CHOI

(signature')
ATUL KUMAR GARG

14/02/2002 (signature) Assignor
Date ABRAHAM JAN de BART

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PATENT REEL: 012650 FRAME: 0493

Date