08-02-2001

PHN 13,241I		
Form PTO 1595 F (Rev. 6-93)		S. Dept. of Commerce tent and Trademark Office
To the Commissioner for Patents: Die	101796659	ts or copy thereof.
1. Name of conveying party(ies): GERARDUS C.P. LOKHOFF YVES-FRANCOIS DEHERY GERHARD JOSEF STOLL Additional name(s) of conveying party Yes X No 3. Nature of conveyance: X Assignment	2. Name and add Name: Konin Internal Add	dress of receiving party(ies): nklijke Philips Electronics N.V. dress: ess: Groenewoudseweg 1 oven Country: The Netherlands name(s) & address(es) attached? Yes X No
Execution Date: 5/21/01, 6/18/01,	6/13/01	07/70875
 Application number(s) or patent not seem of this document is being filed the application, is 5/21/01, 6/18/01, A. Patent Application No.(s) FILED CONCURRENTLY HEREWITH 	ogether with a new application, t	: No.(s)
5. Name and address of party to whom concerning document should be mai	led: involved:	of applications and patents
Name: Philips Electronics North A		
Internal Address: Street Address: 580 White Plains	Enclosed	X Authorized to Deposit Account
City: <u>Tarrytown</u> State: <u>NY</u> 2ip:	8. Deposit Acc 10591 (Attach du	count Number: 14-1270 uplicate copy of this page paying t account)
	DO NOT USE THIS SPACE	
copy is a true copy of the origin Edward W. Goodman, Reg. 28,613 Name of Person Signing	belief, the foregoing information all document. Signature s including cover sheet, attachme	is true and correct and any attached 7/18/200/ Date nts, and document: 24
	recorded with required cover s	

Corded with required cove Commissioner for Patents Box Assignments Washington, D.C. 20231

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SOLE/JOINT ASSIGNMENT

Docket No. PHN 13,241I

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"):

- (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.

2 <u>001-5-2/</u> Date	(signature) (ERARDUS C.P. LOKHOFF	, Assignor
Date	<pre>(signature*) (printed name*)YVES-FRANCOIS DEHERY</pre>	, Assignor
Date	(signature*) (printed name*)GERHARD JOSEF STOLL	, Assignor

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PATENT REEL: 012018 FRAME: 0983

SOLE/JOINT ASSIGNMENT

Docket No. PHN 13,241I

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"):

my/our invention relating to DIGITAL SUB-BAND TRANSMISSION SYSTEM WITH TRANSMISSION OF AN ADDITIONAL SIGNAL as described in the U.S. patent application [X] executed concurrently herewith, [] executed on _] filed in the United States Patent and Trademark Office as Serial Number 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. , Assignor (signature*) (printed name) GERARDUS C.P. LOKHOFF Date 18.6.2001 , Assignor (signature*) (printed name*) YVES-FRANCOIS DEHERY Date

(printed name*) GERHARD JOSEF STOLL

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Date

(signature*)

PATENT REEL: 012018 FRAME: 0984

_, Assignor

SOLE/JOINT ASSIGNMENT

Docket No. PHN 13,241I

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"):

		(, , -
(1) my/ou	r invention relating	to DIGITAL SUB-BAND	TRANSMISSION SYSTEM
	OF AN ADDITIONAL SIGN	MAL as described in t	the U.S. patent
application			
	executed concurrently executed on		
	filed in the United S		demark Office
(on	as Serial Numb	oer,
(2) the fo	oregoing application	and all other U.S. ar	nd foreign patent
		visions, continuation	
(3) all pa	atents granted on the	ese applications.	
I will pro	vide my cooperation t	to enable the Assigned	e to enjoy the
foregoing right, time expense of the Assistantial legal infringement actions desirable, or convenience or for periods.	tle, and interest to gnee, I agree to exec l proceedings includi s, and do all other s nient for securing ar	the fullest extent. cute all papers, take ing patent prosecution such acts which may be not maintaining patents to in the Assignee.	Upon request at the all rightful oaths, nal actions and e necessary, s on the foregoing
I certify	that I have the full	right to convey the	above rights.
Date	(signature) (printed name)GERAR	DUS C.P. LOKHOFF	, Assignor
Date	(signature*) (printed name*)YVES-	FRANCOIS DEHERY	, Assignor

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2001-06-13

Date

RECORDED: 07/19/2001

(signature*)

(printed name) GERHARD

PATENT REEL: 012018 FRAME: 0985