Form PTO 1595

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4. Application number(s) or patent number(s): If this document is being filed together with the application, is A. Patent Application No.(s) FILED CONCURRENTLY HEREWITH Additional numbers	ith a new application, the execution date of B. Patent No.(s) ers attached? Yes X No
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PATENT REEL: 012656 FRAME: 0847

Invention Disclosure No. 702219

SOLE/JOINT ASSIGNMENT

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/our	invention relating	to FABRIC	ANTENNA F	OR TAGS
		as desc	ribed in the	U.S. pate	nt application
	[XX]	executed concurren	tly herewith	<i>-</i>	
	[]	executed on		,	
	[]	filed in the Unite	d States Pate	ent and Tr	ademark Office
		on	as	Serial Nu	mber

- (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.

12-19.01	(signature)	, Assignor
Date	(printed name*) CLIVE R. VAN HEERDEN	
	(signature*)	, Assignor
Date	(printed name') GEORGE MARMAROPOULOS	
	(signature*)	, Assignor
Date	(printed name*)	

PATENT REEL: 012656 FRAME: 0848

Invention Disclosure No. 702219

SOLE/JOINT ASSIGNMENT

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/our	invention relating to FABRIC ANTENNA FOR TAGS
	***************************************	as described in the U.S. patent application
	[XX]	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.

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I certify that I have the full right to convey the above rights.

	<u>(signature)</u>	<u>, Assignor</u>
Date	(printed name) CLIVE R. WAN HEERDEN	
12.19.01	(signature')	, Assignor
Date	(printed name) GEORGE MAKMAROPOULOS	
	(signature)	, Assignor
Date	(printed name')	

RECORDED: 02/25/2002

PATENT REEL: 012656 FRAME: 0849