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Form PTO 1595 (Rev. 6-93)		Datast and Mandamark Office				
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## SOLE/JOINT ASSIGNMENT

Docket No. ID 702756

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 invent	tion relating to <b>A Method and Apparatus for Providing S</b>	EARCH RESULTS IN
[ x ]	<pre>ation Search Request as described in the U.S. patent   executed concurrently herewith, executed on</pre>	
[ ] ·	on as Serial Number	
(2) the fo applications based t extensions, and	oregoing application and all other U.S. and fore thereon, including divisions, continuations, rei	eign patent ssues, and
(3) all pa	atents granted on these applications.	
foregoing right, tip expense of the Assignment actions infringement actions desirable, or conver- invention or for per request that these	vide my cooperation to enable the Assignee to entle, and interest to the fullest extent. Upon a gnee, I agree to execute all papers, take all rill proceedings including patent prosecutional acts, and do all other such acts which may be necessient for securing and maintaining patents on the recting title thereto in the Assignee. I authorpatents be issued to the Assignee.	request at the ghtful oaths, tions and ssary, he foregoing orize and
I certify	that I have the full right to convey the above r	rights.
01/16/02	(signature) (printed name) Srinivas CUTTA	, Assignor
01/16/2002 Date	(signature) (printed name) Vasanth PHILOMIN	, Assignor
 Date	(signature) (printed name) Miroslav TRAJKOVIC	<u>, Assignor</u>
		, Assignor
Date	(signature) (printed name)	. Assignor
	(signature)	

(printed name)

(signature) (printed name)

Date

Date

PATENT REEL: 012681 FRAME: 0611

USA - Domestic 4/87

## SOLE/JOINT ASSIGNMENT

Docket No. ID 702756

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 let al representatives, including any nominees (collectively the Assignment).

representatives	, including any nominees (collectively "the A	ssignee*):
(1) my/our is	nvention relating to A METHOD AND APPARATUS FOR PRO	VIDING SHAROW PROFESS TO
	TOUR SAME REGULET AS COSCYIDED in the H C	patent application
	~ 1 executed concurrently herewith	
Ţ	executed on	1
l	filed in the United States Patent and Tra-	demark Office ber
(2)		
applications bas extensions, and	ne foregoing application and all other U.S. and thereon, including divisions, continuation	nd foreign parent ns, reissues, and
(3) al	l patents granted on these applications.	
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expense of the A testify in all 1 infringement act desirable, or continuention or for request that the	provide my cooperation to enable the Assigned title, and interest to the fullest extent. ssignee, I agree to execute all papers, take egal proceedings including patent prosecution ions, and do all other such acts which may be envenient for securing and maintaining patents perfecting title thereto in the Assignee. It see patents be issued to the Assignee.	Upon request at the all rightful oaths hal actions and necessary, son the fore oing authorize and
	(signature*)	, Assignor
Date	(printed name') Srinivas GUTTA	7.7.552
	(signature)	, Assignor
Date	(printed name') Vasanth PHILOMIN	
01/18/02	(signature) Suponal Mapelle L	, Assienor
Date	(printed name') Miroslav TRAJKOVIC	
Date	•	
	(signature')	, Assignor
Date	(printed name')	
	(signature <sup>*</sup> )	Assidnor
Date	(printed name')	
	(signature*)	, Assignor

PATENT REEL: 01:2681 FRAME: 0612

**RECORDED: 03/07/2002** 

Date

(printed name')