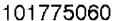
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07-12-2001







To: Commissioner of Patents and Tradema	irks: Please reco	ord the attached origin	al document(s) or	copy(ies).	
Submission Type: New ☐ Resubmission ☐ Correction-PTO ☐ Correction-Doc. Reel # Frame #					
Conveyance Type: Assignment Change o	t License f Name		Security A	_	
Conveying Party(ies)					
Singh, Balwinder Name	26 June 2001 Execution Date	De Langen, Kla Name	as-Jan	26 June 2001 Execution Date	
Bredius, Martijn Name	26 June 2001 Execution Date	Name		Execution Date	
Receiving Party Koninklijke Philips Electronics N. V. Groenewoudseweg 1 5621 BA Eindhoven The Netherlands Correspondent Name and Address Corporate Patent Counsel U.S. Philips Corporation 580 White Plains Road Tarrytown, NY 10597 Total number of pages of the attached conveyance document, including attachments: Attorney Docket Number: US 018094					
Patent Application Number	er(s)	Pa	atent Number(s)	
Total Number of Properties <u>1</u> . Fee Amount for Properties Listed (37 CFR 3.41): \$ <u>40</u> .					
Method of Payment:					
To the best of my knowledge and b attached copy is a true copy of the cas indicated herein. Robert M. McDermott Reg. Number 41,508 MGERRENI 00000042 09894390 40.00 (a)	original documents	•		are authorized,	

PATENT REEL: 011956 FRAME: 0660

SOLE/JOINT ASSIGNMENT

Docket No.US 018094

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"):

- 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 prosecution 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.

6/26/01	(signature) Balwinder Singh	, Assignor
Date	Balwinder Singh	
6/26/01	(signature)	, Assignor
Date	Klaas-Jan De Langen	•
6/26/01	(signature) 1 NV	, Assignor
Date	Martijn Bredi us	
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PATENT REEL: 011956 FRAME: 0661