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> PATENT REEL: 012399 FRAME: 0438

ASSIGNMENT

For good and valuable consideration, of which I acknowledge receipt, I, as a belownamed assignor, sell and assign to KONINKLIJKE PHILIPS ELECTRONICS N.V. (hereinafter "Assignee") a company organised and existing under the laws of THE NETHERLANDS, whose business address is Groenewoudseweg 1, NL-5621 BA Eindhoven, The Netherlands, its successors and assigns, the application for a United States Patent for the improvements in "METHOD AND APPARATUS FOR DATA REPRODUCTION" invented by me/us, which application is executed concurrently herewith, and all rights in and to said application, and all Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all Patents on said improvements or resulting therefrom to said Assignee as assignee of the entire interest and covenant that I have full right so to do, and agree that I will communicate to said Assignee or its representatives any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns and nominees, to obtain and enforce proper protection for said invention.

Subscribed and executed at _	SOUTHAMPTOH, ENGLAND
12TH DECEMBER 20011 (sign name here)	rever GR Hail, Assignor
Date (print name here)	Trevor G.R. HALL
Subscribed and executed at	GUALIDA, MOTAMHTUBE
INTH DECEMBER 2001 2 (sign name here)	KMC Assignor
Date (print name here)	Bruce MURRAY
Subscribed and executed at _	
3 (sign name here)	, Assignor
Date (print name here)	

1,2,3 - Sign exactly as printed name. Printed name to be identical to name in Application Declaration.

PATENT RECORDED: 12/20/2001 REEL: 012399 FRAME: 0439