10/478073 12581-40 1 8 NOV 2003 04-01-2004 DE 010152 Commerce Form PTO 159 RECORDATION FO demark Office (Rev. 6-93) PATENTS hereof. To the Commissioner for Patents: Please record th 102710479 Name of conveying party(ies) Harald GLAESER; Hans-Helmut BECHTEL; Dietrich BERTRAM Name: Koninklijke Philips Electronics N.V. Internal Address: Additional name(s) of conveying party(ies) 11.18.03 attached? Street Address: Groenewoudseweg 1 Yes NL-5621 BA Eindhoven The Netherlands Nature of conveyance: х Assignment Merger Change of Terms Security Agreement Additional name(s) & address(es) attached? No х Other Execution Date: 3/11/03; 3/18/03; 3/24/03. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application, is 3/11/03; 3/18/03; 3/24/03. A. Patent Application No.(s) Patent No х No Additional numbers attached? Yes 6. Total number of applications and patents Name and address of party to whom involved: 1

correspondence concerning document should be mailed:

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Internal Address:

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PATENT REEL: 015155 FRAME: 0715 For good and valuable consideration, of which I acknowledge receipt, I, as a below-named assignor, sell and assign

to Koninklijke Philips Electronics N.V. (hereinafter "Assignee") a corporation existing under the laws of the Kingdom of the Netherlands, whose business address is Groenewoudseweg 1, 5621 BA Eindhoven, the Netherlands, its successors and assigns, the application for a United States Patent for the improvements in a "Liquid crystal picture screen with collimator" invented by us, which application: is executed concurrently herewith was executed by me/us on is Serial No. filed x is International Application No. PCT/IB02/01861....filed...21..May...2002..... 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. (sign name here) 11 March 2003 (print name here) Date (sign name here) . Assignor 18 March 2003 Date (print name here) (sign name here) Assignor 24 March 2003 Date (print name here)

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