09-20-2002 AT 010056 U.S. Dept. of Commerce Form PTO 1595 Patent and Trademark Office (Rev. 6-93) 102227728 Please record the attached original documents or copy thereof. To the Commissioner for Patents: 2. Name and address of receiving party(ies): Name of conveying party(1es): MED Wolfgang GSCHWENDTNER Name: Koninklijke Philips Electronics N.V. Additional name(s) of conveying party(ies) Internal Address: attached? Street Address: Groenewoudseweg 1 Yes The Netherlands NL-5621 BA Eindhoven Nature of conveyance: Additional name(s) & address(es) attached? х Assignment Merger No Change of Terms Security Agreement Other Execution Date: 9/02/02. 4. 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 9/02/02. B. Patent No A. Patent Application No.(s) Additional numbers attached? Yes 5. Name and address of party to whom 6. Total number of applications and patent concerning document should be involved: correspondence mailed: Name: Philips Electronacs North America Total fee (37 CFR 3.41) ...\$40.00 Corporation Authorized to Deposit Account Enclosed Internal Address: 8. Deposit Account Number: 14-1270 Street Address: 580 White Plains Road (Attach duplicate copy of this page paying by deposit account) City: Tarrytown State: NY Zip: 10591 DO NOT USE THIS SPACE 9. Statement and signature. is true and correct/ and any To the best of my knowledge and belief, the foregoing copy is a true copy of the original document. Michael E. Marion, Reg. 32,266 Name of Person Signing

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PATENT REEL: 013297 FRAME: 0590 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 Kingdom of the Netherlands, whose business address Groenewoudseweg 1, 5621 BA Eindhoven, the Netherlands, its successors and assigns, the application for a United States Patent for the improvements in a "Select a recognition error by comparing the phonetic" invented by us, which application: is executed concurrently herewith was executed by me/us on is Serial No. filed 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.

02 September 2002 Date (sign name here)

(print name here)

GSCHWENDTNER, Wolfgang

Assignor,

RECORDED: 09/13/2002

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