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1. Name of conveying party(ies): Adrian G. SPENCER Paul R. MARSHALL  Additional name of conveying party(ies) attached?   Assignment   Merger  Security Agreement   Change of Name  Other  Execution Date: 1/7/05; 1/7/05.	Name and address of receiving party(ies)  Name: KONINKI LIKE PHILIPS ELECTRONICS N.V.
4. Application number(s) or patent number(s):  If this document is being filed together with a new application A. Patent Application No.(s)  NOT ASSIGNED YET  Additional numbers at	on, the execution data of the application is: 1/7/05; 1/7/05.  B. Patent No.(s)  tached?  Yes  No
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1
Name: PHILIPS ELECTRONICS NORTH AMERICA CORPORATION  Internal Address:	7. Total fee (37 CFR 3.41) \$ 40.00  Enclosed  Authorized to be charged to deposit account
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AARON WAXLER, REG. 48,027 Name of Person Signing

**PATENT REEL: 016808 FRAME: 0017**  For good and valuable consideration, of which I acknowledge receipt, I, as a below-named assignor, sell and assign to U.S. 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 RELATING TO PHASE-LOCK LOOPS invented by us, which application: is executed concurrently herewith was executed by me/us on ..... \_\_\_\_\_\_\_ is Serial No. ..... filed ...... is International Application No. .....IB03/03771......filed...22 August 2003..... 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) (print name here)

Paul R. MARSHALL

(sign name here)

(print name here)

Date

PATENT REEL: 016808 FRAME: 0018

, Assignor

For good and valuable consideration, of which I acknowledge receipt, I, as a below-named assignor, sell and assign to U.S. 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 RELATING TO PHASE-LOCK LOOPS invented by us, which application: is executed concurrently herewith was executed by me/us on ..... js Serial No. ..... filed ..... ✓ is International Application No. .....IB03/03771.....filed...22 August 2003..... 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) Assignor Date (print name here) Adrian G. SPENCER

> PATENT REEL: 016808 FRAME: 0019

, Assignor

(sign name here)

(print name here)