

Handwritten: 9/15/99

09-27-1999

PHA 23,775



Form PTO 1595 (Rev. 6-93)

RECORDATION I PATENT

101155616

Dept. of Commerce and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

JIN LU

Additional name(s) of conveying party(ies) attached?

Yes

No

2. Name and address of receiving party(ies):

Name: Philips Electronics North America Corp.

Internal Address: _____

Street Address: 1251 Avenue of the Americas

City: New York State: NY Zip: 10020-1104

Additional name(s) & address(es) attached?

Yes

No

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Terms

Other _____

Execution Date: September 14, 1999

Handwritten: 09/396565

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 _____.

A. Patent Application No.(s)

None yet

B. Patent No.(s)

Additional numbers attached?

Yes

No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Philips Electronics North America Corp.

Internal Address: _____

Street Address: 580 White Plains Road

City: Tarrytown State: NY Zip: 10591

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) ...\$40.00

Enclosed

Authorized to Deposit Account

8. Deposit Account Number: 14-1270

(Attach duplicate copy of this page paying by deposit account)

09/24/1999 JSWBAZZ 00000012 141270 09396565 40.00 CH

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gregory L. Thorne, Attorney
Name of Person Signing

Handwritten signature: Gregory L. Thorne

9/15/99
Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

PATENT
REEL: 010259 FRAME: 0234

SOLE/JOINT ASSIGNMENT

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 **Philips Electronics North America Corporation**, a Delaware corporation having a place of business at 1251 Avenue of the Americas, New York, New York 10020, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

- (1) my/our invention relating to Removable Card System with Downloadable Agent for Communicating with a Digital Television Receiver or Other Host Device as described in the U.S. patent application

] executed concurrently herewith,
] executed on _____,
] filed in the United States Patent and Trademark Office
on _____ as Serial Number _____,

(2) the foregoing application and all other U.S. and foreign patent applications based 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 prosecutorial 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.

09/14/99
Date

Jin Lu
Jin Lu, Assignor