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(Rev. 6-93)  
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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Attorney Docket 4577-43RE

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

1. Name of conveying party(ies):  
Hang Seop LEE  
Youngjik LEE  
  
6-4-02

2. Name and address of receiving party(ies):  
Name: Electronics and Telecommunications Research Institute  
  
Internal Address:  
Street Address: 161 Kajong-Dong, Yusong-Gu  
City: Daejeon-Shi

Additional name(s) of conveying party(ies) attached? [ ] Yes [x] No

State/Country: Korea  
Zip:

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other Correction of description of previously Recorded Assignment  
  
Execution Date: October 17, 2001

Additional name(s) & address(es) attached? [ ] Yes [x] No

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)  
SN.:

B. Patent No.(s)  
5,970,459  
  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Martin B. Pavane  
Internal Address: Cohen, Pontani, Lieberman & Pavane  
Street Address: 551 Fifth Avenue, 12<sup>th</sup> Floor  
City: New York State: New York Zip: 10176

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41):.....\$40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number: 03-2412  
(Attach duplicate copy of this page if paying by deposit account)

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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.*  
  
Martin B. Pavane  
Name of Person Signing  
Reg. No. 28,337

Signature

May 15, 2002  
Date

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

3

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documents to be recorded with required cover sheet information to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

PATENT  
REEL: 12983 FRAME: 0930

## ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, We the undersigned, **Hang Seop LEE** and **Youngjlk LEE** (hereinafter referred to as "ASSIGNOR"):

Hereby sell, assign and transfer to **Electronics and Telecommunications Research Institute** (hereinafter referred to as "ASSIGNEE"), a corporation of the Republic of Korea, having a place of business at 161 Kajong-Dong, Yusong-Gu, Daejon-Shi, Korea, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in United States Letters Patent No. 5,970,459, issued October 19, 1999 entitled

### **SYSTEM FOR SYNCHRONIZATION BETWEEN MOVING PICTURE AND A TEXT-TO-SPEECH CONVERTER**

and in and to said patent and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing,

substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers, communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: Oct. 17, 2001  
month/day/year

*Hang Seop Lee*  
Hang Seop LEE

*H. B. Lee*  
Witness

*J. H. Shin*  
Witness

Date: Oct. 17, 2001  
month/day/year

*Youngjlk Lee*  
Youngjlk LEE

*H. B. Lee*  
Witness

*J. H. Shin*  
Witness