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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Attorney Docket 4825-12

To the Honorable Commissioner of

100876823

Shed original documents or copy thereof.

MAN 10-30-98

1. Name of conveying party(ies):  
Myung Sup KIM  
Yun Jeong SONG  
Seong Pal LEE  
Jong Suk CHAE

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

Name: Electronics and Telecommunications Research

Internal Address:

Street Address: 161 Gajeong-Dong, Yuseong-Ku

City: Daejeon

State/Country: Korea

Zip:

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

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

Execution Date: 10/12/98

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: 9/16/98 and 9/17/98

A. Patent Application No.(s)

B. Patent No.(s)

11/06/1998 JSMBRZZ 00000107 09183881

01 FC:581 40.00 DP Additional numbers attached?  Yes  No

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

Name: Cohen, Pontani, Lieberman & Pavane

Internal Address:

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.*

Edward M. Weisz  
Name of Person Signing  
Reg. No. 37,257

Signature

October 30, 1998  
Date

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

4

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

PATENT  
REEL: 9562 FRAME: 0153

JC540 U.S. STO  
09/183881



10/30/98

Attorney Docket Number:

## ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, We/I the undersigned, 1) MYUNG SUP KIM, 2) YUN JEONG SONG, 3) SEONG PAL LEE, 4) JONG SUK CHAE all at Electronics and Telecommunication Research Institute c/o, 161, Gajeong-Dong, Yuseong-Ku, Daejeon, Korea.

(hereinafter referred to as "ASSIGNOR").

Hereby sell, assign and transfer to \_\_\_\_\_

ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE

(hereinafter referred to as "ASSIGNEE"), a corporation of Republic of Korea,

having a place of business at

161, Gajeong-Dong, Yuseong-Ku, Daejeon, 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 the application for United States Letters Patent,

which was filed on \_\_\_\_\_ and accorded  
U.S. Serial No. \_\_\_\_\_,

which has been executed by the undersigned concurrently herewith,  
and is entitled Apparatus for recovering decision-directed  
carrier \_\_\_\_\_ and

in and to said application 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.

MYUNG SUP KIM

Myungsup Kim

Signature of First Inventor

YUN JEONG SONG

yunjeongsong

Signature of Second Inventor

SEONG PAL LEE

Seong Pal Lee

Signature of Third Inventor

JONG SUK CHAE

Jong Suk Chae

Signature of Fourth Inventor

Witness(es)

1) Jeong Sook Yi

Date : October 12, 1998

Signature Jeong S. Yi

2) Yong Ho Son

Date : October 12, 1998

Signature Yong H. Son