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PATENT

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

7-20-06

1. Name of conveying party(ies)/Execution Date(s):

- 1) KWAK, Chang-Soo June 15, 2006
- 2) SHIN, Dong-Hwan June 16, 2006
- 3) NOH, Youn-Sub June 26, 2006

Execution Date(s) see above

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

2. Name and address of receiving party(ies)

Name: ELECTRONICS AND TELECOMMUNICATIONS

Internal Address: RESEARCH INSTITUTE

Street Address: 161 Gajeong-dong,

Yuseong-gu, Daejeon, Republic of

Korea  
City: \_\_\_\_\_

State: \_\_\_\_\_

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3. Nature of conveyance:

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- Security Agreement  Change of Name
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- Other \_\_\_\_\_

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

07/24/2006 STEUMELI 00000002 11489844

04 FC:6021

( 40.00 OP )

Additional numbers attached?  Yes  No

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

Name: Woochoon W. Park

Internal Address: \_\_\_\_\_

Street Address: c/o Ladas & Parry  
224 South Michigan Avenue

City: Chicago

State: Illinois Zip: 60604

Phone Number: (312) 427-1300

Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
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- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
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b. Deposit Account Number 12-0400

Authorized User Name Ladas & Parry LLP

9. Signature:

July 20, 2006

Signature

Date

Woochoon W. Park

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

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11/489844  
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**RECORDATION FORM COVER SHEET - PATENTS - (cont.)**

**1. Name of conveying party(ies): (cont.)**

- 4. YOM, In-Bok                      June 15, 2006
- 5. CHANG, Dong-Pil                June 23, 2006

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**UNITED STATES OF AMERICA**  
**ASSIGNMENT**

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In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for the other good and valuable consideration,

**ASSIGNOR:**

**KWAK, Chang-Soo** / #108-906 Daerim Durae Apt., Sinseong-dong, Yuseong-gu,  
Daejon 305-720, Republic of Korea

**SHIN, Dong-Hwan** / #112-1702 Beodnae Apt., Taepyeong 2-dong, Jung-gu,  
Daejon 301-780, Republic of Korea

**NOH, Youn-Sub** / #109-905 Lucky Hana Apt., Sinseong-dong, Yuseong-gu, Daejon 305-721,  
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Republic of Korea

**CHANG, Dong-Pil** / #109-1304 Hanbit Apt., Eoeun-dong, Yuseong-gu, Daejon 305-755,  
Republic of Korea

hereby sells, assigns and transfers to

**ASSIGNEE: ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE**  
**ADDRESS: 161, Gajeong-dong, Yuseong-gu, 305-350 Daejon, Republic of Korea**

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the Application entitled

EFFICIENCY-IMPROVED TUNING ASSEMBLY FOR RADIO FREQUENCY  
FILTERS AND METHOD FOR FORMING THE SAME

which application was

(a) executed by the undersigned on \_\_\_\_\_ even date herewith \_\_\_\_\_

(b) filed as Serial No. \_\_\_\_\_ on \_\_\_\_\_

and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/we have set our hand and seal

June 15, 2006

Date

C. S. Kwak

INVENTOR KWAK, Chang-Soo

June 16, 2006

Date

[Signature]

INVENTOR SHIN, Dong-Hwan

June 26, 2006

Date

[Signature]

INVENTOR NOH, Youn-Sub

June 15, 2006

Date

[Signature]

INVENTOR YOM, In-Bok

June 23, 2006

Date

[Signature]

INVENTOR CHANG, Dong-Pil