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Attorney Docket 4825-16

100929327

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

1. Name of conveying party(ies):

Chang Hwa LEE
Bon Hee KOO
Oh Gon CHUN
Sang Seok LEE

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

Name: Electronics and Telecommunications Research Institute

Internal Address:

Street Address: 161 Kajong-Dong, Yusong-GuCity: TaejonState/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

Execution Date: December 4, 1998

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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: December 4, 1998

A. Patent Application No.(s)
SN.:

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Martin B. PavaneInternal Address: Cohen, Pontani, Lieberman & PavaneStreet Address: 551 Fifth Avenue, 12th FloorCity: 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
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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

December 15, 1998
 Date

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

5

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

PATENT
 REEL: 9653 FRAME: 0536

Additional Names and Addresses of Assignees:

2. Name: Korea Telecom

Internal Address:

Street Address: 206 Jungja-Dong, Pundang-Gu,
Sungnam-Shi

City: Kyoungki-Do

State/Country: Korea

Zip:

5. Name:

Internal Address:

Street Address:

City:

State/Country:

Zip:

3. Name:

Internal Address:

Street Address:

City:

State/Country:

Zip:

6. Name:

Internal Address:

Street Address:

City:

State/Country:

Zip

4. Name:

Internal Address:

Street Address:

City:

State/Country:

Zip:

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) CHANG HWA LEE, 2) BON HEE KOO, 3) OH GON CHUN and 4) SANG
SEOK LEE all at Electronics and Telecommunications Research Institute c/o, 161,
Kajong-Dong, Yusong-Gu, Taejon, Korea.

(hereinafter referred to as "ASSIGNOR").

Hereby sell, assign and transfer to ELECTRONICS AND TELECOMMUNICATIONS
RESEARCH INSTITUTE and KOREA TELECOM (hereinafter referred to as "ASSIGNEE"),
corporations of Republic of Korea, having a place of business at 161, Kajong-Dong,
Yusong-Gu, Taejon, Korea. and 206, Jungja Dong, Pundang-Gu, Sungnam-Shi,
Kyongki-Do, 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 HF FILTER USING RESONATORS HAVING CONVEX-CONCAVE STRUCTURE
_____ 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
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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.

CHANG HWA LEE

Lee Changhwa
Signature of First Inventor

BON HEE KOO

Koo, BonHee
Signature of Second Inventor

OH GON CHUN

Chun, Oh Gon
Signature of Third Inventor

SANG SEOK LEE

Lee, SangSeok
Signature of Fourth Inventor

Witness(es)

1) SUNG IM CHO
Date : Dec 4, 1998
Signature [Signature]

2) SOO YEON BONG
Date : Dec 4, 1998
Signature [Signature]