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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Kuang-woo NAM  
Yun-kwon PARK  
In-sang SONG  
Jea-shik SHIN  
Seok-mo CHANG  
Seok-chul YUN

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

SAMSUNG ELECTRONICS CO., LTD.  
416, Maetan-dong,  
Yeongtong-gu, Suwon-si,  
Gyeonggi-do, Republic of Korea113007 U.S. PTO  
11/435986  
051806Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: May 11, 2006

Additional name(s) & address(es) attached? ☐ Yes ☒ 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: May 11, 2006

A. Patent Application No.(s)  
UnknownB. Patent No.(s)  
UnknownAdditional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

## 6. Total number of applications and patents involved:

1

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

- ☒ Enclosed.  
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*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.*

Darryl Mexic

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PATENT  
REEL: 017910 FRAME: 0693

### Assignment

Whereas, We, Kuang-woo NAM, Yun-kwon PARK, In-sang SONG, Jea-shik SHIN, Seok-mo CHANG, and Seok-chul YUN, of Seoul, Republic of Korea, Dongducheon-si, Republic of Korea, Seoul, Republic of Korea, Suwon-si, Republic of Korea, Incheon, Republic of Korea, and Suwon-si, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in BALANCE FILTER PACKAGING CHIP HAVING BALUN MOUNTED THEREIN AND MANUFACTURING METHOD THEREOF and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the application and confirmation number and filing date of said application when known.

Date:	<u>Nam</u>	<u>May 11, 2006</u>
	s/Kuang-woo NAM	
Date:	<u>Yun-kwon</u>	<u>May 11, 2006</u>
	s/Yun-kwon PARK	
Date:	<u>SONG</u>	<u>May 11, 2006</u>
	s/In-sang SONG	
Date:	<u>SHIN</u>	<u>May 11, 2006</u>
	s/Jea-shik SHIN	
Date:	<u>Seok-mo</u>	<u>May 11, 2006</u>
	s/Seok-mo CHANG	
Date:	<u>Seok-chul Yun</u>	<u>May 11, 2006</u>
	s/Seok-chul YUN	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)