

07-21-2005

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To the Honorable Commissioner of Patents

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1. Name of conveying party(ies):

Su Jae LEE; Seung Eon MOON; Han Cheol RYU;
Min Hwan KWAK; Kwang Yong KANG

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

Name: **Electronics and Telecommunications
Research Institute**

Additional name(s) of conveying party(ies) attached?

☒ No ☐ Yes

Internal Address:

Street Address: **161 Gajeong-dong, Yusong-gu,**

3. Nature of Conveyance:

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

City: **Daejeon-city,** State: ZIP:

Country: **Republic of Korea**

Execution Date: **6/20/05**

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

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: **6/20/05**

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☒ No ☐ Yes

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

Name: **Blakely, Sokoloff, Taylor & Zafman LLP**

Internal Address:

Street Address: **12400 Wilshire Boulevard
7th Floor**

City: **Los Angeles** State: **CA** ZIP: **90025**

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 is true and correct and any attached copy is a true copy of the original document.

Eric S. Hyman

Name of Person Signing

Signature

July 12, 2005

Date

Total number of pages including cover sheet, attachments, and document: **2**

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Docket No. 2013P291

PATENT
REEL: 016768 FRAME: 0245

ASSIGNMENT

In consideration of the receipt of good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1)	LEE, Su Jae	(6)	
(2)	MOON, Seung Eon	(7)	
(3)	RYU, Han Cheol	(8)	
(4)	KWAK, Min Hwan	(9)	
(5)	KANG, Kwang Yong	(10)	

who have made a certain new and useful invention, hereby sell, assign and transfer unto
Electronics and Telecommunications Research Institute of 161 Gajeong-dong,
Yusong-gu, Daejeon-city, Republic of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

FERROELECTRIC/PARAELECTRIC MULTILAYER THIN FILM, METHOD OF FORMING THE SAME, AND HIGH FREQUENCY VARIABLE DEVICE USING THE SAME

- (a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____;
or
(b) for which an application for United States Letters Patent was executed on _____

and the undersigned hereby authorize and request the United States Commissioner of Patent and Trademarks to issue any and all United States Letters Patents which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED of the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

1) Jeemyae
Name: LEE, Su Jae

2) Moon, Seung Eon
Name: MOON, Seung Eon

3) Hancheol Ryu
Name: RYU, Han Cheol

4) M. H. Kwak
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5) Kang
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June 20, 2005

June 20, 2005

June 20, 2005

June 20, 2005

June 20, 2005

RECORDED: 07/12/2005

PATENT
REEL: 016768 FRAME: 0246