

FORM PTO-1619A  
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05-01-2001

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**



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☒ Assignment ☐ Security Agreement

☐ License ☐ Change of Name

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J1046 U.S. PTO  
05/03/2001

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**PATENT**  
**REEL: 011734 FRAME: 0718**

**Correspondent Name and Address**

Area Code and Telephone Number **410-465-6678**

Name **Morton J. Rosenberg**

Address (line 1) **Rosenberg, Klein & Lee**

Address (line 2) **3458 Ellicott Center Drive, Suite 101**

Address (line 3) **Ellicott City, MD 21043**

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# **3**

**Application Number(s) or Patent Number(s)**

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)


If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year  
**4/2/2001**

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved.

# **1**

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:  
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# **18-2011**

Authorization to charge additional fees:

Yes ☒ No ☐

**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. Charges to deposit account are authorized, as indicated herein.*

**Morton J. Rosenberg**

Name of Person Signing

Signature

Date

# ASSIGNMENT DEED

This Assignment agreement is applicable to an invention entitled (invention Title) METHODS FOR FABRICATING LARGE SINGLE-GRAINED FERROELECTRIC THIN FILM FOR FABRICATING FERROELECTRIC THIN FILM CAPACITOR USING THE SAME, AND FOR FABRICATING FERROELECTRIC MEMORY DEVICE USING THE SAME

The PATENT RIGHTS referred to in this agreement are:

- (Check one) ☒ a Patent Application for this invention, executed by the ASSIGNOR(s) concurrently with this Assignment  
☐ U.S. Patent Application Serial No. \_\_\_\_\_, filed \_\_\_\_\_  
☐ U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_

The PATENT RIGHTS assigned under this agreement are:

- (Check one) ☒ U.S. Patent rights only  
☐ worldwide Patent rights. In this case, the Assignee shall have the right to claim the benefit of the filing date of any U.S. Patent Application identified above.

The ASSIGNOR(s) referred to in this agreement is (or are):

(Full name of sole or first inventor) Jang Sik LEE  
 (Address) Hwain Apt. 102-1408, Yeonji-dong, Pusanjin-ku, Pusan, Korea

(Full name of second joint inventor, if any) \_\_\_\_\_  
 (Address) \_\_\_\_\_

(Full name of third joint inventor, if any) \_\_\_\_\_  
 (Address) \_\_\_\_\_

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) \_\_\_\_\_  
 (Address of Assignee) Seung Ki JOO  
Sampoong Apt. 22-201, 1685 Seocho-dong, Seocho-ku, Seoul, Korea

The Second ASSIGNEE referred to in this agreement is:

(Name of Assignee) \_\_\_\_\_  
 (Address of Assignee) \_\_\_\_\_

The Third ASSIGNEE referred to in this agreement is:

(Name of Assignee) \_\_\_\_\_  
 (Address of Assignee) \_\_\_\_\_

The First ASSIGNEE is:

- (Check one) ☒ an individual  
☐ a partnership  
☐ a Corporation of \_\_\_\_\_  
 (State or Country)

The Second ASSIGNEE is:

- (Check one) ☐ an individual  
☐ a partnership  
☐ a Corporation of \_\_\_\_\_  
 (State or Country)

The Third ASSIGNEE is:

- (Check one) ☐ an individual  
☐ a partnership  
☐ a Corporation of \_\_\_\_\_  
 (State or Country)

The ASSIGNOR(S), in consideration of \$1.00 paid by each ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns:  
 the full and exclusive right to the invention;  
 an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS; and  
 the right to claim priority under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(s) hereby authorize(s) and requests the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(s) as the ASSIGNEE(s) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(s), their successors and assigns.

Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEE(s), or their representatives, any facts known to the ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(s), their successors and assigns, to obtain and enforce proper protection for said invention.

Lee Jangsik JANG SIK LEE (LEE  
 (Signature of sole or first inventor) IS FAMILY NAME)

April 2, 2000  
 (Date)

\_\_\_\_\_  
 (Signature of second inventor, if any)

\_\_\_\_\_  
 (Date)

\_\_\_\_\_  
 (Signature of third inventor, if any)

\_\_\_\_\_  
 (Date)