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Woochoon W. Park

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U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev. 06/04) OMB No. 0651-0027 (exp. 6/30/2005) United States Patent and Trademark Office TO3346249 TO3346249 TO3346249 PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. Name of conveying party(ies)/Execution Date(s): 2. Name and address of receiving party(ies) 1) CHOI, Sung Yool Name: ELECTRONICS AND TELECOMMUNICATIONS 2) RYU, Min Ki 3) KIM, An Soon biternalkAcidness: RESEARCH INSTITUTE 4) AH, Chil Seong 5) YU, Han Young Execution Date(s)____ July 28, 2006 Street Address: 161 Gajeong-dong, Additional name(s) of conveying party(ies) attached? Yes VNo Yuseong-gu, Daejeon, Republic of 3. Nature of conveyance: Korea ✓ Assignment Merger City: ___ Security Agreement Change of Name State: Government Interest Assignment Country: Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Lagrange Yes Mo 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) 12/05/2006 CNGUYEN2 00000100 11607500 40.00 DP 04 FC:8021 Additional numbers attached? 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Name: Woochoon W. Park 40.00 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Internal Address: Authorized to be charged by credit card Authorized to be charged to deposit account ___ Enclosed Street Address: c/o Ladas & Parry 224 South Michigan Avenue None required (government interest not affecting title) 8. Payment Information Chicago Citv: a. Credit Card Last 4 Numbers State: Illinois 60604 Zip: Expiration Date (312) 427-1300 Phone Number: b. Deposit Account Number 12-0400 Fax Number: Authorized User Name Ladas & Parry LLP Email Address: 9. Signature: December 1, 2006 Signature

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REEL: 018640 FRAME: 0872

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

UNITED STATES OF AMERICA ASSIGNMENT

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(S):

- 1) **Sung Yool Choi** of Gyeryong Apt. 1-1003, 248-219, Daesa-dong, Jung-gu, Daejeon, Republic of Korea
- 2) **Min Ki Ryu** of Jugong Apt. 718-605, Sanggye 10-dong, Nowon-gu, Seoul, Republic of Korea
- 3) **An Soon Kim** of Hyundai Apt. 104-803, Mok-dong, Jung-gu, Daejeon, Republic of Korea
- 4) Chil Seong Ah of Nuri Apt. 109-308, Wolpyeong-dong, Seo-gu, Daejeon, Republic of Korea
- 5) Han Young Yu of Songgang Green Apt. 319-1405, Songgang-dong, Yuseong-gu, Daejeon, Republic of Korea

hereby sells, assigns and transfers to

ASSIGNEE:

ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE of 161 Gajeong-dong, Yuseong-gu, Daejeon, Republic 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

MEMORY DEVICES INCLUDING DIELECTRIC THIN FILM AND METHOD OF MANUFACTURING THE SAME

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PATENT REEL: 018640 FRAME: 0873 which application was (a) executed by the undersigned on _even date herewith (b) filed as Serial No. ____ 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 2006/01/20 Date Sung-Yool Choi **INVENTOR** 2006 / 07 / 28 Date Min Ki Ryu INVENTOR 2006 / 07 /28 Date Ansoon Kim **INVENTOR** 2006/01/28 Chil Seong Ah

INVENTOR

INVENTOR

Han Young Yu

200 / 00/20

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