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DOCKET: CU-4416 WWP 09-22-2005 U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev. 06/04) OMB No. 0651-0027 (exp. 6/30/2005) ited States Patent and Trademark RECC 103086527 To the Director of the U.S. Patent and Trac-1) MIN, Byoung Gue Name: ELECTRONICS AND TELECOMMUNICATIONS 2) LEE, Jong Min botemak Accoreas: RESEARCH INSTITUTE 3) KIM, Sung Il 4) JU, Chul Won 5) LEE, Kyung Ho Execution Date(s) Street Address: 161 Gajeong-dong, Yes No Additional name(s) of conveying party(ies) attached? 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? L This document is being filed together with a new application. 4. Application or patent number(s): A. Patent Application No.(s) B. Patent No.(s) 09/20/20D5 SHASSEN1 00000012 11227503 01 FC:8021 40.00 DP 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 Street Address: c/o Ladas & Parry **Enclosed** 224 South Michigan Avenue None required (government interest not affecting title) 8. Payment Information Chicago City: 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: September 15, 2005 Signature Woochoon W. Park Total number of pages including cover

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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) **Byoung Gue Min** of Worldcup Family Town 107-2003, Jangdae-dong, Yuseong-gu Daejeon, Korea
- 2) Jong Min Lee of 202, 253-38 Shinsung-dong, Yuseong-gu, Daejeon, Korea
- 3) Sung Il Kim of 201, 248 Mannyoun-dong, Seo-gu, Daejeon, Korea
- 4) Chul Won Ju of Hanvit Apt. 131-1502, Eoeun-dong, Yuseong-gu, Daejeon, Korea
- 5) Kyung Ho Lee of Hanvit Apt. 102-1701, Eoeun-dong, Yuseong-gu, Daejeon, Korea

hereby sells, assigns and transfers to

RECORDED: 09/15/2005

ASSIGNEE:

ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE

of 161 Gajeong-dong, Yuseong-gu, Daejeon, 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

METHOD OF FABRICATING HETEROJUNCTION BIPOLAR TRANSISTOR

| which app | olication was | |
|-------------|--|--|
| \boxtimes | (a) executed by the undersigned on _ | May 30, 2005 |
| | (b) filed as Serial No. | on |
| and, in an | d to all Letters Patent to be obtained for nuation, division, renewal, substitute, re | or said invention by the above application or issue 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

PATENT REEL: 017000 FRAME: 0013