

04-23-2001



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Docket No. 18708-301

To the Hon. Commissioner of Patents & Trademarks: Please record the attached original documents or copy thereof.

4-9-01

1. Name of conveying party(ies):  
Tae-Hyeon Han, Byung Ryul Ryum,  
Soo-Min Lee and Deok-Ho Cho  
  
Additional name of conveying party attached?  Yes  No

2. Name and address of receiving party(ies):  
  
Name: ASB, Inc.  
  
Internal Address: \_\_\_\_\_  
  
Street Address: 4F SCC Bldg.  
1290 Dunsan-Dong  
SEO-GU, Taejon  
302-120 KOREA  
  
Additional name(s) and address(es) attached?  Yes  No

3. Nature of conveyance:  
  
 Assignment  Merger  
  
 Security Agreement  Change of Name  
  
 Other: \_\_\_\_\_  
  
Execution Date: March 27, 2001

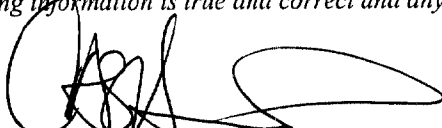
4. Application number(s) or patent numbers:  
  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
  
A. Patent Application No.(s) 09/765,499 B. Patent No.(s) \_\_\_\_\_  
  
Additional numbers attached?  Yes  No

5. Name and address party to whom correspondence concerning document should be mailed:  
  
Name: Claude A. S. Hamrick  
  
Internal Address: \_\_\_\_\_  
  
Street Address: 1400 Page Mill Road  
  
City: Palo Alto State: California ZIP: 94304-1204

6. Total number of applications and patents involved: 1  
  
7. Total fee (37 CFR 3.41) \$40.00  
  
 Enclosed  
  
 Any discrepancy or overpayment is authorized to be charged to deposit account

8. Deposit Account number:  
  
02-3964  
(Attach duplicate copy of this page if paying by deposit account)

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9. 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.*  
  
Claude A. S. Hamrick, Reg. No. 22,586  April 3, 2001  
Name of Person Signing Signature Date  
  
Total number of pages including cover sheet, attachments, and document: 3

04/20/2001 6TOM11 00000222 09765499  
01 FC:581 40.00 DP

**ASSIGNMENT**

I, as a below-named inventor, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to:

**ASB, INC.  
4F SCC BLDG., 1290 DUNSAN-DONG,  
SEO-GU, TAEJON, 302-120 KOREA**

**A KOREAN CORPORATION** (hereinafter referred to as Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by **Tae-Hyeon Han, Byung Ryul Ryum, Soo-Min Lee and Deok-Ho Cho** and disclosed and/or claimed in an application for Letters Patent of the United States of America Serial No. 09/747,761 filed December 12, 2000, entitled:

**“METHOD OF MANUFACTURING BIPOLAR DEVICE  
AND STRUCTURE THEREOF”**

and signed by me

- On the date set forth below;  
 on the DATE\_OF\_SIGNING\_DECLARATION

and in and to any and all divisions, reissues, continuations and extensions thereof; and in and to all corresponding applications for Letters Patent and all Convention and Treaty Rights of any kind, in all countries throughout the world, for all such subject matter.

I hereby authorize and request that the Patent Office Officials in the United States, and in countries foreign to the United States, issue any and all of said Letters Patent or similar documents, when granted, to said Assignee, as the Assignee of our entire right, title and interest in and to the same, for the sole use and enjoyment of said Assignee, its successors and assigns.

Further, I agree that I will communicate to said Assignee, or its representatives, any facts known to me respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisions, continuations, substitutions, and renewal reexamination and reissue applications, execute all necessary Assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything necessary or desirable to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States.

The undersigned hereby authorizes the firm of **OPPENHEIMER WOLFF & DONNELLY LLP** to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this assignment suitable for recordal in the United States Patent Office, and any Patent Office foreign to the United States.

In Testimony Whereof, I hereunto set my hand.

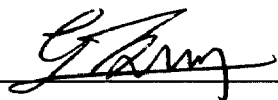
SIGNATURES

Inventor's Signature  Date: March, 27, 2001

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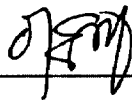
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Inventor's Signature  Date: March 27, 2001

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Citizenship: Republic of Korea

Inventor's Signature  Date: March 27, 2001

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Inventor's Signature  Date: March 27, 2001

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