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U.S. Department of Commerce

101940990

PATENT FORM COVER SHEET

Docket No. 18708-301

PATENTS ONLY

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

1. Name of conveying party(ies):

Tae-Hyeon Han
Byung Ryul Ryum
Soo-Min Lee
Deok-Ho Cho

Additional name of conveying party attached? ☐ Yes ☒ No

1.8.02

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

Name: ASB, Inc.

Internal Address: _____

Street Address: 4th SCC Bldg.1290 Dunsan-DongSEO-Gu, Taejon302-120 KOREAAdditional name(s) and address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☐ Assignment☐ Merger☐ Security Agreement☐ Change of Name

☒ Other: A corrected Assignment to correct an incorrect Serial Number 09/765,499 on Reel 011690, Frame 0585
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) 09/747,761

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. HamrickOPPENHEIMER WOLFF & DONNELLY LLP

Internal Address: _____

Street Address: 1400 Page Mill RoadCity: Palo Alto State: California ZIP: 94304-12046. Total number of applications and patents involved: 17. 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

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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

Name of Person Signing

Signature

Date 11/19/01Total number of pages including cover sheet, attachments, and document: 4

01/10/2002 TDIAZI 00000094 09747761

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PATENT SY-275610 v01 11/16/2001

REEL: 012434 FRAME: 0079

RECORDATION FORM COVER SHEET
PATENTS ONLY

Docket No. 18708-301

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

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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: <u>ASB, Inc.</u> Internal Address: _____ Street Address: <u>4F SCC Bldg.</u> <u>1290 Dunsan-Dong</u> <u>SEO-GU, Taejon</u> <u>302-120 KOREA</u> Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> 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: <u>Claude A. S. Hamrick</u> Internal Address: _____ Street Address: <u>1400 Page Mill Road</u> City: <u>Palo Alto</u> State: <u>California</u> ZIP: <u>94304-1204</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Any discrepancy or overpayment is authorized to be charged to deposit account
	8. Deposit Account number: <u>02-3964</u> (Attach duplicate copy of this page if paying by deposit account)

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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

04/29/2001 610N11 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:

**ASE, INC.
47 SCC BLDG., 1293 DUNSAN-DONG,
SEC-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 E-yul 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 h

SIGN

Inventor's
Signature




Date: March, 27, 2001

Typed name: Tae-Hyeon Han

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Citizenship: Republic of Korea

Inventor's
Signature



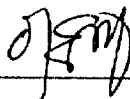
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Citizenship: Republic of Korea

Inventor's
Signature



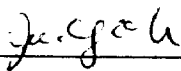
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Inventor's
Signature



Date: March 27, 2001

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Citizenship: Republic of Korea