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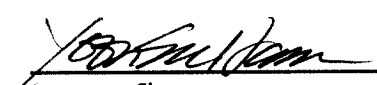
U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commiss

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ginal document or certified copy thereof.

<p>1. Name of conveying Party(ies): Sang-Hoon JIN</p> <p>Additional name(s) of conveying party(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and Address of receiving Party(ies): Name: DAEWOO ELECTRONICS CO., LTD. Internal Address:</p> <p>Street Address: 541, 5-Ga, Namdaemoon-Ro, Jung-Ku City: SEOUL State/Country: KOREA Zip:</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>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 _____</p> <p>Execution Date: November 29, 1997</p>	<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____</p> <p>A. Patent Application No.(s)/Application Date 08/985,207 filed on December 4, 1997</p> <p>B. Patent No.(s)/Patent Date</p>
<p>5. Name and address of party to whom correspondence concerning this matter should be mailed: Jacobson, Price, Holman & Stern 400 7th Street, N.W. Washington, DC 20004 Tel. 202-638-6666</p> <p>Attorney Docket No. P61742US0</p>	<p>6. Number of applications and patents involved: <input type="text" value="1"/></p> <p>7. Total fee (37 CFR 3.41)..... \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Any deficiencies in enclosed fees are authorized to be charged to deposit account</p> <p>8. Deposit Account No.: 06-1358 (Attach duplicate copy of this page if paying by deposit account):</p>
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<p>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.</p> <p><u>Yoon S. Ham / (limited recognition)</u>  <u>April 8, 1998</u> Name of Person Signing / Reg.# Signature Date</p> <p>Total number of pages including cover sheet, attachments, and document: <input type="text" value="2"/></p>	

JPH&S 103-12/93

PATENT REEL: 9098 FRAME: 0520

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UNITED STATES OF AMERICA—ASSIGNMENT

(1-6) Insert Name(s) of Inventors (1) **JIN, Sang-Hoon**
 (2)
 (3)
 (4)
 (5) and
 (6)
 In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree(s) to assign, transfer and set over to
 (7) Insert Name of assignee (7) **DAEWOO ELECTRONICS CO., LTD.**
 (8) Insert Address of Assignee (8) of **541, 5-Ga, Namdaemoon-Ro, Jung-Ku, Seoul, Korea**
 (9) Insert Legal Entity and State or Country (e.g., a corporation or citizen of Japan) (9) a **Corporation** of **Republic of Korea**
 (hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as
 (10) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (10) **PCB TESTING CIRCUIT FOR AUTOMATIC INSERTING APPARATUS AND TESTING METHOD THEREOF**
 for which the undersigned has (have) executed an application for patent in the United States of America
 (11) Insert Date of Signing of Application, or filing date and Serial No., if known (11) Said application having been ~~executed~~ filed on **December 4, 1997** (and assigned Serial No. **08/985,207**)

- 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
 - 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
 - 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Industrial Property or similar agreements.
 - 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
 - 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.
 - 6) The undersigned hereby grants the law firm of **Jacobson, Price, Holman & Stern**, 400 Seventh Street, N.W., Washington, D.C. 20004, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.
- In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	November 29, 1997	Name of Inventor	JIN, Sang-Hoon	<i>Sang-Hoon Jin</i> (SEAL)
			typed name	signature
Date	.....	Name of Inventor	.....	..... (SEAL)
			typed name	signature
Date	.....	Name of Inventor	.....	..... (SEAL)
			typed name	signature
Date	.....	Name of Inventor	.....	..... (SEAL)
			typed name	signature
Date	.....	Name of Inventor	.....	..... (SEAL)
			typed name	signature

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

Additional inventor's names and signatures on a separate sheet. Witness *Sangho Myung*
 Witness

LAW OFFICES OF
JACOBSON, PRICE, HOLMAN & STERN
 THE JENIFER BUILDING
 400 SEVENTH STREET, N.W. PATENT
 WASHINGTON, D.C. 20004
 REEL: 9098 FRAME: 0521