

06-30-1999



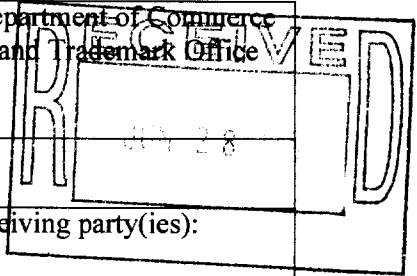
Attorney Docket No.: 4047-00004

Form U.S. Patent and
1-31-92

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U.S. Department of Commerce
Patent and Trademark Office

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PATENTS ONLY



To the Honorable Commissioner of Patents and Trademarks.
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Chang Gue Kim
Woong Lae Cho

Additional name(s) of conveying party(ies)
attached?
 Yes No

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

Dongbu Electronics Co., Ltd.
11F, Hanjung Kangnam Bldg,
838, Yuksam-dong, Kangnam-gu
Seoul, 135-080 Korea

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Dates: May 5, 1999

Additional name(s) and address(es) attached?
 Yes No

6-28-99

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is _____

A. Patent Application No(s).

09/310,557

B. Patent No(s).

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence
concerning document should be mailed:

Andrew S. McConnell
ANDRUS, SCEALES, STARKE & SAWALL, LLP
100 East Wisconsin Avenue, Suite 1100
Milwaukee, WI 53202

6. Total number of applications and
patents involved: 1

7. Total fee (37 CFR 9.41)....\$40.00
 Enclosed
 Authorized to charge Deposit
Account

8. Deposit Account No. 01.2000
(Attach duplicate copy of this page
if paying by Deposit Account)

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.

Dawn M. Oleszak Dawn M. Oleszak 6-25-99
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments and document: 7
OMB No. 0651-0011 (exp. 4/94)

06/30/1999 MTHA11 00000019 09310557
01 FC:581 40.00 DP

ASSIGNMENT

WHEREAS:

Chang Gue, Kim of 220, Chungkye 1-ri, Dongtan-myon, Hwasung-gun, Kyoungki-do, Korea
Name (sole inventor) Street City Country

Woong Lae, Cho of 108-1005, Hyundai Apt., Sadong-ri, Daewol-myon, Ich'on, Kyoungki-
Name (joint inventor) Street City Country do, Korea

of _____
Name (joint inventor) Street City Country

of _____
Name (joint inventor) Street City Country

of _____
Name (joint inventor) Street City Country

of _____
Name (joint inventor) Street City Country

of _____
Name (joint inventor) Street City Country

hereinafter called ASSIGNOR(S), has (have) made a certain new and useful invention for which application for Letters Patent of the United States of America:

has been made, said application being identified by:
Title METHOD FOR FORMING INTERMETAL DIELECTRIC OF SEMICONDUCTOR DEVICE

Appln. No. 09/310,557

Filing Date May 12, 1999

is about to be made, said application being identified by
Title METHOD FOR FORMING INTERMETAL DIELECTRIC OF SEMICONDUCTOR DEVICE

Date of Execution _____

Attorney Docket No. 4047-00004

WHEREAS:

Dongbu Electronics Co., Ltd.
(Name of Assignee)

- Limited Liability Company or Corporation - organized and existing under the laws of _____
 Individual or Sole Proprietor Partnership;

hereinafter called ASSIGNEE is desirous of acquiring the entire interest in and to said invention, said application and the Letters Patent to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable considerations, the receipt of which is hereby acknowledged, said ASSIGNOR(S) hereby sells (sell), assigns (assign) and transfers (transfer) to said ASSIGNEE, its successors and assigns, the entire right, title and interest in said invention, said application and any divisions or continuations thereof, and any Letters Patent obtained for the said invention in the United States, or issuing out of said application or any such division or continuation thereof, and any reissues or extensions of any such Letters Patent.

The Commissioner of Patents is hereby authorized and requested to issue Letters Patent for said invention to said ASSIGNEE of the entire right, title and interest therein.

And, the said ASSIGNOR(S) hereby covenants (covenant) that he (they) has (have) full right to convey the entire right, title and interest in said invention, and has (have) not executed and will not execute any agreement in conflict herewith.

And ASSIGNOR(S) further covenants (covenant) that he (they) will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in said ASSIGNEE, to said invention, said application, or any Letters Patent that may be granted therefrom, and if said ASSIGNEE, or its assignee, desire to make a substitute, divisional or continuation application for said invention, or to secure a reissue or extension of said Letters Patent, or to file a disclaimer relating thereto, that he (they) will upon request, sign all papers, make all rightful oaths and declarations, and do all lawful acts requisite for the said purposes, but at the expense of said ASSIGNEE.

And, ASSIGNOR(S) further covenants (covenant) that he

(they) will at all times communicate to the said ASSIGNEE, its successors, assigns or legal representatives, all facts relating to said invention and Letters Patent, or the history thereof, known to him (them), and testify as to the same in interferences or other litigation, when requested so to do.

ASSIGNOR(S) authorizes (authorize) the ASSIGNEE or the attorney of record to insert in this instrument, if necessary or desirable, the filing date and serial number of the application referred to above.

Executed and delivered this 5 day of May,

19 99.

Inventor Chang Gue, Kim *Chang Gue Kim*
Inventor Woong Lae, Cho *[Signature]*
Inventor _____
Inventor _____
Inventor _____
Inventor _____
Inventor _____

Personally appeared before me this 5 day of May,
19 99, Ji Young, Kim J. Y. Kim,

and _____ to me known to be the persons(s) whose name(s) is (are) subscribed to the foregoing instrument, and acknowledged that he (they) signed, sealed and delivered the said instrument as his (their) free and voluntary act and deed for the uses and purposes therein set forth.

Person authorized to administer oaths

Diplomatic or Consular Officer of the United States