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09-18-1998



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MRD
8-31-98

To the Honorable Commissioner of Patents and Trademarks

the attached original documents or copy thereof.

1. Name of conveying party(ies):

- (a) Joong Hyun Baek
- (b) Il Gyu Jung
- (c) Tae Koo Lee and Chang Ho Cho
- (d) Chang Ho Cho

Additional name(s) of conveying party(ies) attached?

Yes No

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

Name: Samsung Electronics Co., Ltd.

Internal Address: _____

Street Address: 416, Maetan-dong, Paldal-ku, Suwon-city

City Kyungki-do State: Republic of Korea ZIP _____

Additional name(s) & address(es) attached?

Yes No

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: June 20, 1998

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: June 20, 1998

A. Patent Application No.(s) -

Title: Vertical Semiconductor Device Package Having Printed Circuit Board And Heat Spreader, And Module Having The Packages

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: David T. Millers

Internal Address: SKJERVEN, MORRILL, MacPHERSON,

FRANKLIN & FRIEL LLP

Street Address: 25 METRO DRIVE, SUITE 700

City SAN JOSE State CA ZIP 95110

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- Authorized to be charged to Deposit Account 19-2386
- Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid

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8. 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.

David T. Millers 37,396
Name of Person Signing

David Millers
Signature

8-31-98
Date

Total number of pages comprising cover sheet: 3

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Joong Hyun Baek

of

567-5, Pajang-dong
Jangan-ku, Suwon-city

Kyungki-do, Republic of Korea

Il Gyu Jung

of

No. 709-1301, Mookoonghwa Apt.
Shinchon-dong, Dongan-ku, Anyang-city

Kyungki-do, Republic of Korea

Tae Koo Lee

of

No. 6-1306, Seonkyung Apt.
Seongpo-dong, Ansan-city

Kyungki-do, Republic of Korea

Chang Ho Cho

of

No. 303, Shinseong Art Villa
Seocho-3-dong 1548-2, Seocho-ku

Seoul, Republic of Korea

hereby sell, assign and transfer to Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 416, Maetan-dong, Paldal-ku, Suwon-city, Kyungki-do, Republic of Korea, its successors and assigns, the entire right, title and interest throughout the world in our invention in

Vertical Semiconductor Device Package Having Printed Circuit Board And Heat Spreader, And Module Having The Packages

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 20 day of June, 1998.

X Joong Hyun Baek
Joong Hyun Baek

Executed this 20 day of June, 1998.

X Il Gyu Jung
Il Gyu Jung

Executed this 20 day of June, 1998.

X Tae Koo Lee
Tae Koo Lee

98 6.24

Executed this 20 day of June, 1998.

X Chang Ho Cho
Chang Ho Cho