

02-22-2000

FORM PTO-1594  
1-31-92

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Atty Docket #: PT02922Y

101273909

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

1. Name of conveying party(ies):

- a) James Boon Hua How  
b) Han Yang Chua  
c) Peter Z Yuan,  
d) Nee S. Ling

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

Name: Motorola, Inc.

Internal Address: \_\_\_\_\_

Street Address: 1303 East Algonquin RoadCity: Schaumburg State: IL ZIP: 60196Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: A,B,D 3/9/99 C 3/8/99Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

09/4080704

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

3/9/99

A. Patent Application No.(s):

B. Patent No.(s):

Attorney Docket Number: PT02922Y

Additional numbers attached? ☐ Yes ☒ No

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

Name: Motorola, Inc.Internal Address: Intellectual Property Dept. - MS 96Street Address: 1500 Gateway BoulevardCity: Boynton Beach State: FL ZIP: 33426-82926. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account8. Deposit account number: 13-4778

(Attach triplicate copy of this page if paying by deposit account)

02/18/2000 JSMBZZ 00000171 134778 09487042

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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.

PHILIP P. MACNAK

33,308

Name of Person Signing

Reg. No.

Signature

Date

Total number of pages including cover sheet, attachments, and document: 7

OMB No. 0651-0011 (exp. 4/94)

PATENT  
REEL: 010554 FRAME: 0008

## PATENT APPLICATION

ASSIGNMENT AND AGREEMENT

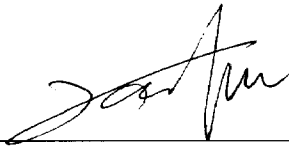
For and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, **JAMES HOW BOON HUA** of Malaysia, **CHUA HAN YANG** of Singapore, **PETER YUAN ZHIHUA** of China and **LING NEE SENG** of Singapore have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA, INC., a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for Singapore in and to certain inventions relating to improvement in **A METHOD AND MACHINE FOR UNDERFILLING AN ASSEMBLY TO FORM A SEMICONDUCTOR PACKAGE (Our Docket No. PT02922Y)**, described, illustrated and claimed in an application for Grant of a Patent in Singapore as indicated by our signatures below, together with the entire right, title and interest in and to said application, and in and to the Patent which may be issued upon said application, and upon any division, extension, continuation or reissue thereof and we further authorize the said MOTOROLA, INC., to apply for the Grant of a Patent in Singapore directly in its own name.

We hereby also sell, assign and transfer unto the said MOTOROLA, INC., the entire right, title and interest in and to said invention and in and to applications for Grant of a Patent therefor in all countries foreign to Singapore, including all rights under any and all international conventions and treaties in respect of said invention and said applications for Patents in foreign countries, and we further authorize the said MOTOROLA, INC. to apply for Patents in foreign countries directly in its own name, and to claim priority of the filing date of the said application for Grant of a Patent in Singapore under the provisions of any and all international conventions and treaties.

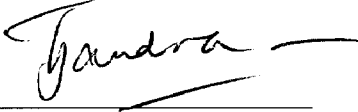
We hereby authorize and request the Registrar of Patents in Singapore to issue a Patent upon the aforesaid application, division, extension, continuation or reissue, to the said MOTOROLA, INC., for the sole use and behoof of said MOTOROLA, INC., its successors, assigns and legal representatives, to the full end of the term for which said Patent may be granted, the same as they would have been held and enjoyed by us had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign country

We agree that, when requested, we will, without charge to said MOTOROLA, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

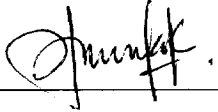
We covenant with said MOTOROLA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

1st Inventor:   
**JAMES HOW BOON HUA**

Date: 9/3/99

Witness:   
Name: JANTO TJANDIRO

Date: 9/3/99

Witness:   
Name: E K Reh

Date: 9/3/99

2nd Inventor: \_\_\_\_\_

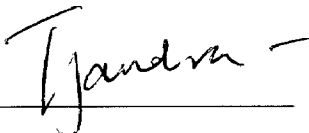
  
CHUA HAN YANG

Date: \_\_\_\_\_

9/3/99

Witness: \_\_\_\_\_

Name: \_\_\_\_\_

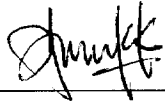
  
JANZO TJANDRA

Date: \_\_\_\_\_

9/3/99

Witness: \_\_\_\_\_

Name: \_\_\_\_\_



Date: \_\_\_\_\_

9/3/99

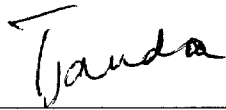
3rd Inventor: \_\_\_\_\_

**PETER YUAN ZHIHUA**

Date: \_\_\_\_\_

08/03/99

Witness: \_\_\_\_\_



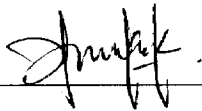
Name: \_\_\_\_\_

JANTO TANDRA

Date: \_\_\_\_\_

08/03/99

Witness: \_\_\_\_\_



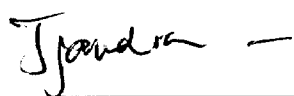
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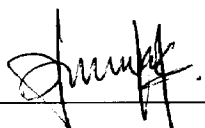
8/3/99

4th Inventor:   
**LING NEE SENG**

Date: 09/03/99

Witness:   
Name: TAN BO TAN ONG

Date: 09/03/99

Witness:   
Name: E K Reh

Date: 9/3/99