

U.S. PAT

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

Name of conveying party(ies): **Chun Ho FAN, Kwok Cheung TSANG, and William Lap Keung CHOW**Additional name(s) of conveying party(ies) attached? ☐ yes ☒ no

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

(2a.)

Name: **ASAT LTD.**Address: **QPL Industrial Building, 14th Floor, 138 Texaco Road
Tsuen Wan, New Territories Hong Kong**

3. Name of Conveyance:

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

(2b.)

Name _____

Address: _____

Additional name(s) & address(es) attached? ☐ yes ☒ noExecution Date: **December 2, 2002**4. Application number(s) or patent number(s): **10/307,279**

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

A. Patent Application No.(s) **10/307,279**

B. Patent No.(s)

Additional numbers attached ☐ yes ☒ no

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

Name: **Joseph R. Keating, Esq.**Internal Address: **KEATING & BENNETT LLP**Street Address: **10400 Eaton Place, Suite 312**City: **Fairfax** State: **VA** ZIP **22030**

6. Total number of applications and patents involved: one

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

- ☐ Enclosed
☒ Authorized to be charged to credit card with Credit Card Payment Form (PTO-2038)
☐ Authorized to be charged to deposit account

8. Deposit account number: 50-1353

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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.

Joseph R. Keating, Reg. No. 37,368

Name of Person Signing

Signature

March 7, 2003

Date

03/17/2003 LMUeller 00000048 10307279

Total number of pages comprising cover sheet, attachments and document: 4

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Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
 Box Assignment
 Washington, D.C. 20231

PATENT**REEL: 013837 FRAME: 0820**

WORLDWIDE ASSIGNMENT

WHEREAS, WE, **Chun Ho FAN; Kwok Cheung TSANG; William Lap Keung CHOW** residing at, respectively, Flt. E., 27/F., Blk. 3, Lido Garden, Sham Tseng, Hong Kong; Flt. A, 16/F, Block 8, Avon Park, Fanling, N.T., Hong Kong; and Flat D, 35/F., Tower 10, Park Avenue, Kowloon, Hong Kong, have invented certain new and useful improvements in an invention entitled **THIN BALL GRID ARRAY PACKAGE** for which an application for United States Letters Patent will be filed; and

WHEREAS, **ASAT LTD.**, a company organized and existing under the laws of the city of Hong Kong, having a place of business at QPL Industrial Building, 14th Floor, 138 Texaco Road, Tsuen Wan, New Territories Hong Kong is desirous of acquiring the full and exclusive right, title and interest in and to said application inclusive of any and all priority rights derived therefrom and the inventions therein disclosed, and in and to all Letters Patent, both United States and foreign, to be granted for said inventions;

NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, WE, do hereby sell, assign, transfer, and set over unto the said Assignor, its successors and assigns, the full and exclusive right, title and interest in and to the aforesaid application for United States Letters Patent inclusive of any and all priority rights derived therefrom, and the invention therein disclosed, and in and to all Letters Patent and issues thereof which may be granted upon said application and in and to all Letters Patent which may be issued upon any substitutes, divisions, or continuations of said application, and in and to any and all Letters Patent which may be granted for said inventions in any foreign country or countries; the same to be held and enjoyed by the said Assignor for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent and reissues thereof may be granted as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made;


AND WE, hereby agree to execute, upon request, any and all further papers which may be necessary or desirable to enable the said Assignor, its successors and assigns, to file and prosecute said application, and any and all substitutes, divisions, or continuations thereof, and any and all reissues of the Letters Patent granted upon said

application, or upon any substitutes, divisions, or continuations thereof, and any and all applications for foreign Letters Patent on said invention; and WE, further agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of said Assignor, its successors and assigns, in and to said application and the inventions therein disclosed, and in and to any and all Letters Patent and reissues thereof, both United States and foreign, which may be granted upon said application, and any substitutes, divisions, or continuations thereof, and upon any foreign applications.

AND WE, hereby authorize and request The Commissioner of Patents to issue each and every Letters Patent to be granted upon the aforesaid application for United States Letters Patent, and upon any and all substitutes, divisions, and continuations of said application, and each and every reissue of said Letters Patent, to the said Assignor, its successors and assigns, as the assignee of the entire right, title and interest therein, in accordance with this assignment.

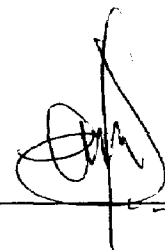
WITNESS my hand at HONG KONG

this 24 day of FEBRUARY, ⁸¹~~2007~~₂₀₀₃



Chun Ho EAN


Witness:





Kwok Cheung TSANG

Witness:





William Lap Keung CHOW

Witness: