

02-28-2002



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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

1. Name of conveying party(ies): Tan Kim Hwee Additional name(s) of conveying party(ies) attached? No

2. Name and address of receiving party(ies) Name: Advanced Systems Automation Ltd Internal Address: Street Address: 54 Serangoon North Ave. 4 City: Singapore State: Zip: 555854

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: July 31, 2001

4. Application number(s) or patent number(s): A. Patent Application No.(s) 09/861,020

B. Patent No.(s) Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: COLUMBIA IP LAW GROUP, PC Internal Address: Aloysius T.C. AuYeung Street Address: 10260 SW Greenburg Road Suite 820 City: Portland State: OR Zip: 97223

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account)

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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. Aloysius T.C. AuYeung, Reg. No. 35,432 Signature Date 1/15/02

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

02/28/2002 6TDM11 00000046 09861020 01 FC:581 40.00 OP

PATENT REEL: 012605 FRAME: 0298

**A S S I G N M E N T**  
(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged that the undersigned,

**ASSIGNOR(S):** Tan Kim Hwee

Blk 104A, Ang Mo Kio Street 11, #06-69,  
Singapore 560104

hereby sell, assign, and transfer to

**ASSIGNEE:** Advanced Systems Automation Ltd

54 Serangoon North Ave. 4  
Singapore 555854

and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed on May 18, 2001 and assigned Application No. 09/861,020 entitled:

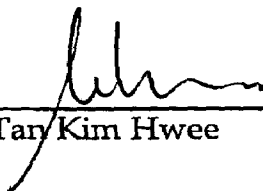
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and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal

representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

<u>31 July</u> , 2001 Date	 Name: Tan Kim Hwee
<u>          </u> , 2001 Date	Name: _____
<u>          </u> , 2001 Date	Name: _____
<u>          </u> , 2001 Date	Name: _____
<u>          </u> , 2001 Date	Name: _____

**Assignment Document Return Address:**

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