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Attorney's Docket No. 064977.0108

FORM PTO-1595
1-31-92

RECORDATION FORM COVER SHEET
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Patent and Trademark Office

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

1. Name and Address of Conveying Party(ies):
Karl T. Chuang
8742 117th Street
Edmonton, Alberta, Canada T6G 1R5

Individual/Citizenship: Canadian

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

2. Name and Address of receiving Party(ies):
Name: AMT International, Inc.

Internal Address:

Street Address: 100 N. Central Expressway, Suite 1100
City: Richardson
State: Texas Zip: 75080

Corporation/State Texas

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

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

Effective Date/Execution Date: September 23, 1999 and August 21, 1999

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: _____
A. Patent Application No.(s) 09/145,187 B. Patent No.(s) _____

Additional Numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Jay B. Johnson
Internal Address: BAKER & BOTTS, L.L.P.
Street Address: 2001 Ross Avenue
City: Dallas
State: Texas Zip: 75201-2980

6. Total number of applications and patents involved: one

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.
Jay B. Johnson
Name of Person Signing Signature Date 10/12/99

Total number of pages including cover sheet 4

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

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Section 1 - Name of Conveying Parties

Additional names (individual)

Guo-Chang Pan
Tsinghua University
Beijing, China

Individual/Citizenship: People's Republic of China

ASSIGNMENT

WHEREAS, I, one of the undersigned joint inventors, of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, AMT International, Inc. (hereinafter referred to as "Assignee"), a Texas Corporation, with an address of 100 N. Central Expressway, Suite 1100, Richardson, Texas 75080, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

We also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

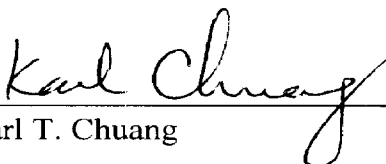
This Assignment shall be binding on the parties' successors, assigns and legal representatives.

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Title of Invention: FLUIDS CONTACTING, TRAY OPENING FLUID DISPERSING
ASSEMBLY

Signature of Inventor:

Inventor's Name:


Karl T. Chuang

Residence (City, County, State)

8742 117th Street
Edmonton, Alberta, Canada T6G 1R5

Date:


Sept. 23, 1999

Date Application Executed:

September 1, 1998

Signature of Inventor:

Inventor's Name:


Guo-Chang Pan

Residence (City, County, State)

Tsinghua University
Beijing, China

Date:

8-21-99

Date Application Executed:

September 1, 1998