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OFFICE

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Attorney Docket No. 147268.00328

RECORDATION FORM COVER SHEET (PATENTS ONLY)

Box Assignments
Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Please record the attached original document(s) or copy(ies). The pertinent information is as follows:

(1) Submission Type

- ☒ New
☐ Resubmission (Non-Recordation) - Document ID# _____
☐ Correction of PTO Error - Reel # _____, Frame # _____
☐ Corrective Document - Reel # _____, Frame # _____

(2) Conveyance Type

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

(3) Conveying Party(ies) (Name(s) only)

Yuan-Yuan Chiang
Fu-Ching Tung
Janahan Wang
Peter L. Mahneke

(4) Receiving Party(ies) (Name(s) and address(es))

Industrial Technology Research Institute
No. 195, SEC. 4
Chung Hsing Road
Chu Tung Town
Hsinchu, Taiwan, R.O.C.

05/02/2002 TBESHAK1 00000035 10055993

02 FC:581

40.00 OF

PATENT
REEL: 012855 FRAME: 0048

(5) **Applications and/or patent(s) against which enclosure is to be recorded:**

- ☒ Serial Number 10/055,993, filed January 28, 2002.
☐ Application filed concurrently herewith.
☐ Patent Number _____, issued _____.

(6) **Name and address of party to whom correspondence concerning the request to record should be mailed:**

Thomas T. Moga
POWELL, GOLDSTEIN, FRAZER & MURPHY LLP
P.O. Box 97223
Washington, D.C. 20090-7223

(7) **Date(s) the document was executed:** Executed November 26, 2001 by Yuan-Yuan Chiang and Fu-Ching Tung, executed November 30, 2001 by Janathan Wang and Peter L. Mahneke.

(8) **Number of Properties/Fee Amount/Method of Payment**

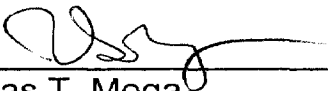
Number of Properties involved:
Total fee amount for properties listed: \$40.00

- ☒ A check is enclosed to cover the total fees for recordation.
☐ The total recordation fees are to be charged to Deposit Account No. 50-1682.

If, for some reason, Applicants have not paid a sufficient fee or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account No. 50-1682 accordingly.

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. Charges to deposit account are authorized as indicated herein.

Date: May 1, 2002

By: 
Thomas T. Moga
Reg. No. 34,881
Attorney for Applicants

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(202) 347-0066

::ODMA\PCDOCS\WSH\262575\1

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title) _____
RECYCLING APPARATUS

The PATENT RIGHTS referred to in this agreement are:

(check one) ☒ a patent application for this invention, executed by the ASSIGNOR(S)
 concurrently with this assignment.

☐ U.S. patent application Serial No. _____, filed _____

☐ a U.S. patent application based on PCT International Application
 No. _____ filed on (date) _____ (U.S. patent application
 Serial No. _____, if known).

☐ U.S. patent No. _____, issued _____.

The PATENT RIGHTS also include all divisions reissues, continuations and extensions of
 the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

(check one) ☒ U.S. patent rights only.

☐ Worldwide patent rights. In this case, the assignee shall have the right to
 claim the benefit of the filing date of any U.S. or foreign patent application
 for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures
 appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE

(Address) NO.195, SEC.4, , CHUNG HSING RD., CHU TUNG TOWN, HSINCHU,
TAIWAN, R.O.C.

The ASSIGNEE is:

(check one) ☐ An individual.

☐ A Partnership.

☒ A Corporation of TAIWAN, R.O.C. (specify state or country)

☐ (other) _____

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and
 valuable consideration, receipt of which is acknowledged, hereby assign(s) the following
 rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable
 provisions, based on any earlier patent applications for this invention.

attachment 3

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO

ASSIGNEE: INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE

INVENTION TITLE: RECYCLING APPARATUS

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Yuan-Yuan CHIANG

Name of sole or first inventor

Yuan-Yuan Chiang

Signature

Nov. 26, '01

Date

Fu-Ching TUNG

Name of second inventor, if any

Fu-Ching Tung

Signature

Nov. 26, '01

Date

Jonathan WANG

Name of third inventor, if any

Jonathan Wang

Signature

Nov. 30, '01

Date

✓ Peter L. Mahneke

Name of fourth inventor, if any

Peter Mahneke

Signature

Nov 30, 2001

Date

Name of fifth inventor, if any

Signature

Date

Name of sixth inventor, if any

Signature

Date

Name of seventh inventor, if any

Signature

Date

Name of eighth inventor, if any

Signature

Date