

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Syh-Shiuh YEH</td><td>02/14/2005</td></tr><tr><td>Chin-Chu SUN</td><td>02/16/2005</td></tr><tr><td>Mao-Feng TU</td><td>02/14/2005</td></tr></tbody></table>		Name	Execution Date	Syh-Shiuh YEH	02/14/2005	Chin-Chu SUN	02/16/2005	Mao-Feng TU	02/14/2005
Name	Execution Date								
Syh-Shiuh YEH	02/14/2005								
Chin-Chu SUN	02/16/2005								
Mao-Feng TU	02/14/2005								
RECEIVING PARTY DATA									
Name:	Industrial Technology Research Institute								
Street Address:	No. 195, Sec. 4, Chung Hsing Rd.								
Internal Address:	Chutung								
City:	Hsinchu								
State/Country:	TAIWAN								
Postal Code:	310								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12402293</td></tr></tbody></table>		Property Type	Number	Application Number:	12402293				
Property Type	Number								
Application Number:	12402293								
CORRESPONDENCE DATA									
Fax Number:	(202)344-8300								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	202 760-1681								
Email:	srjallow@venable.com								
Correspondent Name:	Cameron H. Tousi								
Address Line 1:	Venable LLP								
Address Line 2:	575 7th Street, NW								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20004-1601								
ATTORNEY DOCKET NUMBER:	79285-268986								
NAME OF SUBMITTER:	Cameron H. Tousi								
Total Attachments: 4									

CH \$40.00 12402293

500806937

PATENT
REEL: 022394 FRAME: 0616

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source=TRANSMITTALFORM#page1.tif

U.S. ASSIGNMENT

(Insert
ASSIGNEE's
Name(s)
Address(es))

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

Industrial Technology Research Institute

No. 195, Sec. 4 Chung Hsing Rd., Chutung, Hsinchu, Taiwan 310, R.O.C.

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of
Invention)

METHODS AND DEVICES OF MULTI-FUNCTIONAL OPERATING SYSTEM FOR CARE-TAKING MACHINE

(*If the
assignment is
being filed after
the filing of the
application, this
section must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on _____, Serial No. _____

(Genus Law Group, LLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Syh-Shih Yeh

(SIGNATURE)

Syh-Shih Yeh

(TYPE NAME)

February 14, 2005

(DATE)

Chin-Chu Sun

(SIGNATURE)

Chin-Chu Sun

(TYPE NAME)

Feb. 14, 2005

(DATE)

Mao-Feng Tu

(SIGNATURE)

Mao-Feng Tu

(TYPE NAME)

Feb. 14, 2005

(DATE)

(SIGNATURE)

(TYPE NAME)

(DATE)

(SIGNATURE)

(TYPE NAME)

(DATE)

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

**Syh-Shiuh Yeh (02/14/2005), Chin-Chu Sun
(02/16/2005), and Mao-Feng Tu (02/14/2005)**

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

- ☒ Assignment ☐ Merger ☐ Change of Name
☐ Security Agreement ☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: **Industrial Technology Research Institute**

Internal Address: _____

Street Address: _____

**No. 195, Sec. 4
Chung Hsin Road
Chu Tung Town**

City: **Hsin Chu Hsien**

State: _____

Country: **Taiwan ROC** Zip: **310**

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/402,293

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Cameron H. Tousi
VENABLE LLP**

Internal Address: Atty. Dkt.: 79285-268986

Street Address: P.O. Box 34385

City: **Washington**

State: **DC** Zip: **20043-9998**

Phone Number: **(703) 760-1913**

Fax Number: **(202) 344-8300**

Email Address: **ptomail@venable.com**

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number **22-0261**

Authorized User Name **Cameron H. Tousi**

9. Signature:



Signature

March 12, 2009

Date

Cameron H. Tousi - 43,197

Name of Person Signing

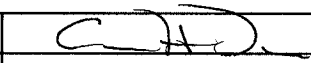
Total number of pages including cover sheet, attachments, and documents:

4

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2009		Complete if Known		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	12/402,293-Conf. #7438	
		Filing Date	March 11, 2009	
		First Named Inventor	Syh-Shiuh Yeh	
		Examiner Name	Not Yet Assigned	
		Art Unit	Not Yet Assigned	
TOTAL AMOUNT OF PAYMENT	(\$)	40.00	Attorney Docket No.	79285-268986

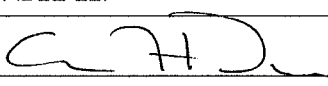
METHOD OF PAYMENT (check all that apply)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>22-0261</u> Deposit Account Name: <u>Venable LLP</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee <input checked="" type="checkbox"/> Credit any overpayments

FEE CALCULATION							
1. BASIC FILING, SEARCH, AND EXAMINATION FEES							
	FILING FEES		SEARCH FEES		EXAMINATION FEES		
		<u>Small Entity</u>		<u>Small Entity</u>		<u>Small Entity</u>	
Application Type	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fees Paid (\$)
Utility	330	165	540	270	220	110	
Design	220	110	100	50	140	70	
Plant	220	110	330	165	170	85	
Reissue	330	165	540	270	650	325	
Provisional	220	110	0	0	0	0	
2. EXCESS CLAIM FEES							
Fee Description						Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)						52	26
Each independent claim over 3 (including Reissues)						220	110
Multiple dependent claims						390	195
Total Claims		Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims		
<u>2</u> - 20 or HP		<u>x</u>	<u>=</u>	<u></u>	Fee (\$)		Fee Paid (\$)
HP = highest number of total claims paid for, if greater than 20.							
Indep. Claims		Extra Claims	Fee (\$)	Fee Paid (\$)			
<u>1</u> - 3 or HP		<u>x</u>	<u>=</u>	<u></u>			
HP = highest number of independent claims paid for, if greater than 3.							
3. APPLICATION SIZE FEE							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)			
<u> </u> - 100 = <u> </u>	<u>/50 =</u>	<u> </u> (round up to a whole number) x	<u> </u>	<u>=</u>			
4. OTHER FEE(S)							
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): 8021 Recording each patent assignment, agreement or ...						40.00	

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	43,197
Name (Print/Type)	Cameron H. Tousi	Telephone	(703) 760-1913
		Date	March 12, 2009

<h1>TRANSMITTAL FORM</h1> <p><i>(to be used for all correspondence after initial filing)</i></p>		Application Number	12/402,293-Conf. #7438
		Filing Date	March 11, 2009
		First Named Inventor	Syh-Shiuh Yeh
		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission		Attorney Docket Number	79285-268986

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - Recorded Assignment - Recordation Cover Sheet
<div style="border: 1px solid black; padding: 5px; width: 150px; float: left; margin-bottom: 5px;">Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	VENABLE LLP		
Signature			
Printed name	Cameron H. Tousi		
Date	March 12, 2009	Reg. No.	43,197