# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Ching-Chi Liao	02/08/2007
Yen-Chieh Mao	02/08/2007
Lai-Sheng Chen	02/08/2007
Yu-Liang Chung	02/08/2007
Yann-Shuoh Sun	02/08/2007
Nai-Chia Chang	02/08/2007

#### **RECEIVING PARTY DATA**

Name:	Industrial Technology Research Institute	
Street Address:	No. 195, Section 4, Chung Hsing Road, Chutung	
City:	Hsinchu	
State/Country:	TAIWAN	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11674162

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	21931-US-PA
NAME OF SUBMITTER:	Belinda Lee

Total Attachments: 2

PATENT REEL: 018977 FRAME: 0542

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PATENT REEL: 018977 FRAME: 0543

# ASSIGNMENT

WHEREAS, 1. Ching-Chi Liao

2. Yen-Chieh Mao

3. Lai-Sheng Chen

4. Yu-Liang Chung

5. Yann-Shuoh Sun

6. Nai-Chia Chang

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: COLLISION DETECTION APPARATUS, COLLISION DETECTING METHOD AND ROBOT AND VACUUM CLEANER USING THE SAME

[ ] Filed:

Serial No.

[x] Executed concurrently with the execution of this instrument

WHEREAS, Industrial Technology Research Institute of No. 195, Section 4, Chung Hsing Road, Chutung, Hsinchu, Taiwan, R.O.C.

hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

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# **ASSIGNMENT CONTINUED**

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Signature: Ching - Chi Liao	Date: Feb. 8, 2007		
Sole or First Joint Inventor: Ching-Chi Liao			
Signature: Yon-Chiel Mas	Feb. 8, 2007		
Second Joint Inventor (if any): Yen-Chieh Mao			
Signature: Lai-Sheng, Men Third Joint Inventor (if any): Lai-Sheng Chen	Date:Feb. 8, 2007		
	Date: Feb. 8, 2007		

Fourth Joint Inventor (if any): Yu-Liang Chung

Signature: <u>Mann-Shuoh Sun</u>

Fifth Joint Inventor (if any): Yann-Shuoh Sun

Feb. 8, 2007 Date:

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Sixth Joint Inventor (if any): Nai-Chia Chang

**RECORDED: 03/07/2007** 

**PATENT**