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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Paul Chang	10/09/2008
Tsair-Rong Chen	10/09/2008
Jeen-Sheen Row	10/09/2008
Yuan-Fu Tsai	10/09/2008

#### RECEIVING PARTY DATA

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State/Country:	TAIWAN	

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Street Address:	No. 1, Jinde Rd.
City:	Changhua City, Changhua County
State/Country:	TAIWAN

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12269751

#### **CORRESPONDENCE DATA**

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PATENT REEL: 021825 FRAME: 0484

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ATTORNEY DOCKET NUMBER: 050082-0054		
NAME OF SUBMITTER:	Marc E. Brown	
Total Attachments: 4 source=54Assignment#page1.tif source=54Assignment#page2.tif source=54Assignment#page3.tif source=54Assignment#page4.tif		

PATENT REEL: 021825 FRAME: 0485

Attorney's Docket No			Patent
·		[] U.S. and/or [] Foreign Rights [] U.S. Application or [] U.S. Patent	
		[] PCT Application	
		Inventor(s) or [] Present <u>Owner</u>	
CONFIRMATO	RY ASS	IGNMENT OF INVENTION	
For good and valuable consideration, ASSIGNORS: (inventor(s) or person(s) or entity(ies) who own the invention)	(1)	Paul CHANG (type or print name(s) of ASSIGNOR(S)  2F., No.8, Lane 252, Jhongsh Daya Township, Taichung Cour (Address)	nan N. Rd., nty, Taiwan
·		Taiwan (Nationality)	
	(2)	Tsair-Rong CHEN (type or print name(s) of ASSIGNOR(S)	·
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		Taiwan (Nationality)	
	(3)	Jeen-Sheen ROW (type or print name(s) of ASSIGNOR(S)	<del>-</del>
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		Taiwan (Nationality)	

(Assignment of Invention [16-3]--page 1 of 4)

PATENT REEL: 021825 FRAME: 0486

hereby confirm that ASSIGNORS se	ll, assign and transfer to 1. Buffalo Machinery Company Limited
	2. The Department of Electrical Engineering,
ASSIGNEE:	National Chang-hua University of Education
·	(type or print name(s) of ASSIGNEE(S)
	1. 2F., No. 8, Lane 252, Jhongshan N. Rd., Daya Township, Taichung County, Taiwan
	2. No. 1, Jinde Rd., Changhua City, Changhua County
	(Address) Taiwan
	1. Taiwan 2. Taiwan
	(Nationality)
and the successors, assigns and lega	l representatives of the ASSIGNEE
(comple	ete one of the following)
[X] the entire right, title and i	nterest
- :	_ percent (% ) interest for the
United States and its territorial posse	•
<del>-</del>	
(check the following box if foreign ri	
	es, including all rights to claim
priority, in and to any and all improentitled:	vements which are disclosed in the invention
(check and complete (	a), (b), (c) or (d)) and which is found in
(a) [X] U.S. patent application	executed on even date herewith
(b) [ ] U.S. patent application	n executed on
[] To comply with 37 CFI	R 3.21 for recordal of this assignment, I, an
	ereby authorize and request my attorney, as named
	of Attorney I executed for this invention on the to insert below the filing date and application
number when it becomes kno	
(c) [ ] U.S. Application serial	- <del></del>
(d) [ ] International applicati	on no.
(e) [ ] U.S. Patent no.	issued
[] A change of address to which maintenance fees is being sent separate.	ch correspondence is to be sent regarding patent ately.
(also check (F) if foreign appl	ication(s) is also being assigned)
., 3 11	

PATENT REEL: 021825 FRAME: 0487

(Assignment of Invention [16-3]--page 2 of 4)

(f) [ ] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have	ve hereunto set hand and seal this
9th_day of_October	_, 2008 (date of signing).
	Paul CHANG Name of Assignor(s)
	Signature of ASSIGNOR(S)
IN WITNESS WHEREOF, I/We have	ve hereunto set hand and seal this
9th_day of_October	_, 2008(date of signing).
	Tsair-Rong CHEN Name of Assignor(s)  Sair-Rong Chen Signature of ASSIGNOR(S)
IN WITNESS WHEREOF, I/We have	ve hereunto set hand and seal this
9th_day of_October	_, 2008 (date of signing).
	Jeen-Sheen ROW  Name of Assignor(s)  Jeen-Sheen ROW

(Assignment of Invention [16-3]--page 3 of 4)

PATENT REEL: 021825 FRAME: 0488

## Signature of ASSIGNOR(S)

IN WITNESS WHEREOF, I/We I	have hereunto set hand and seal this
9th_day of_October	, <b>200</b> 8 (date of signing).
	Yuan-Fu TSAI
	Name of Assignor(s)
	Ywan-Fu Tsai
	Signature of ASSIGNOR(S)

(Assignment of Invention [16-3]--page 4 of 4)

PATENT REEL: 021825 FRAME: 0489

**RECORDED: 11/12/2008**