

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Chan-Ping Pan	07/18/2011
Chao-Lung Hwang	07/20/2011
Chung-Chuan Chang	07/22/2011
Yu-Hsien Chiang	07/22/2011
RECEIVING PARTY DATA	
Name:	National Taiwan University of Science and Technology
Street Address:	No. 43, Sec. 4, Keelung Road
Internal Address:	Da'an District
City:	Taipei
State/Country:	TAIWAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13190637
CORRESPONDENCE DATA	
Fax Number:	(408)521-0550
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	4083138748
Email:	rc_patent@sbcglobal.net
Correspondent Name:	ROGER H. CHU
Address Line 1:	19499 ERIC DRIVE
Address Line 4:	SARATOGA, CALIFORNIA 95070
ATTORNEY DOCKET NUMBER:	ALFRED-056-02
NAME OF SUBMITTER:	Roger H. Chu

Total Attachments: 6
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ASSIGNMENT OF PATENT APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, Chan-Ping Pan of Taipei City, Taiwan/R.O.C., and Chao-Lung Hwang of Taipei City, Taiwan/R.O.C., and Chung-Chuan Chang of Taipei City, Taiwan/R.O.C., and Yu-Hsien Chiang of Taipei City, Taiwan/R.O.C., have invented certain new and useful improvements as set forth in the specification of the application for the United States patent, which was filed on July 26, 2011, and assigned Serial No. 13/190,637, that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated and is entitled:

“ architected reinforcement structure ”

and we, the undersigned, hereby:

- 1) sell, assign and transfer to National Taiwan University of Science and Technology, a corporation of Taiwan, having a principal place of business at No. 43, Sec. 4, Keelung Rd., Da'an Dist., Taipei City, Taiwan (R.O.C.) (hereinafter referred to as "ASSIGNEE"), and its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in and to said United States applications and all divisional, continuing, substitute, renewal, reissue and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all rights of priority resulting from the filing of said United States application;
- 2) authorize the ASSIGNEE to apply for and receive a patent or patents of foreign countries for said improvements, and to claim all rights of priority without further authorization from the undersigned;
- 3) agree to execute all lawful papers and documents, and perform all lawful acts useful in connection with said United States and foreign applications, at the request and expense of the ASSIGNEE, in obtaining and enforcing patents for said improvements in all countries;
- 4) authorize and request the Commissioner for Patents to issue any patents granted for said improvements to the ASSIGNEE for its interest and for the sole use and benefit of its successors, legal representatives and assigns; and

- 1 -

Attorney Docket No. 100-1-NTUST-002(US)

5) warrant and represent that any assignment, grant, mortgage, license, contract, or other agreements that conflicts with this assignment has not been entered, and will not be entered by the undersigned; and

6) authorize and request my representative, Roger H. Chu, USPTO Reg. # 52745, to insert above the U.S. patent application serial number and the filing date in order to make this assignment suitable for recordation in the United States Patent and Trademark Office and any Patent Offices foreign to the United States.

In Testimony Whereof, I hereunto set my hand.

SIGNATURE

1. First Assignor Signature: Pan, Chan-Ping Date: 7/18/2011
Name: Chan-Ping Pan
Residence City: Taipei City, Taiwan/ROC
Address: No. 43, Sec. 4, Keelung Rd., Da'an Dist., Taipei City, Taiwan (R.O.C.)
Citizenship: TAIWAN / REPUBLIC OF CHINA
2. Second Assignor Signature: Chao-Lung Hwang Date: 7/20/2011
Name: Chao-Lung Hwang
Residence City: Taipei City, Taiwan/ROC
Address: No. 43, Sec. 4, Keelung Rd., Da'an Dist., Taipei City, Taiwan (R.O.C.)
Citizenship: TAIWAN / REPUBLIC OF CHINA
3. Third Assignor Signature: Chung-Chuan Chang Date: _____
Name: Chung-Chuan Chang
Residence City: Taipei City, Taiwan/ROC
Address: No. 43, Sec. 4, Keelung Rd., Da'an Dist., Taipei City, Taiwan (R.O.C.)
Citizenship: TAIWAN / REPUBLIC OF CHINA
4. Fourth Assignor Signature: Yu-Hsien Chiang Date: _____
Name: Yu-Hsien Chiang
Residence City: Taipei City, Taiwan/ROC
Address: No. 43, Sec. 4, Keelung Rd., Da'an Dist., Taipei City, Taiwan (R.O.C.)
Citizenship: TAIWAN / REPUBLIC OF CHINA

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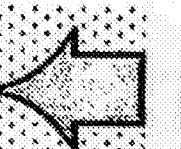
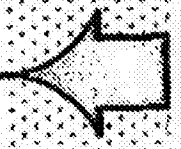
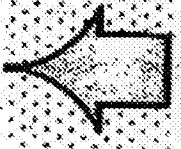
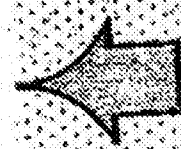
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- 2) authorize the ASSIGNEE to apply for and receive a patent or patents of foreign countries for said improvements, and to claim all rights of priority without further authorization from the undersigned;
- 3) agree to execute all lawful papers and documents, and perform all lawful acts useful in connection with said United States and foreign applications, at the request and expense of the ASSIGNEE, in obtaining and enforcing patents for said improvements in all countries;
- 4) authorize and request the Commissioner for Patents to issue any patents granted for said improvements to the ASSIGNEE for its interest and for the sole use and benefit of its successors, legal representatives and assigns; and

SIGNATURE

1. First Inventor Signature: Pan, Chan Ping Date: 7/18/2011
 Name: Chan-Ping Pan
 Residence City: Taipei City, Taiwan/ROC
 Address: No. 43, Sec. 4, Keelung Rd., Da'an Dist., Taipei City, Taiwan (R.O.C.)
 Citizenship: TAIWAN / REPUBLIC OF CHINA
2. Second Inventor Signature: Chao-Lung Hwang Date: 7/20/2011
 Name: Chao-Lung Hwang
 Residence City: Taipei City, Taiwan/ROC
 Address: No. 43, Sec. 4, Keelung Rd., Da'an Dist., Taipei City, Taiwan (R.O.C.)
 Citizenship: TAIWAN / REPUBLIC OF CHINA
3. Third Inventor Signature: Chung-Chuan Chang Date: 7/22/2011
 Name: Chung-Chuan Chang
 Residence City: Taipei City, Taiwan/ROC
 Address: No. 43, Sec. 4, Keelung Rd., Da'an Dist., Taipei City, Taiwan (R.O.C.)
 Citizenship: TAIWAN / REPUBLIC OF CHINA
4. Fourth Inventor Signature: _____ Date: _____
 Name: Yu-Hsien Chiang
 Residence City: Taipei City, Taiwan/ROC
 Address: No. 43, Sec. 4, Keelung Rd., Da'an Dist., Taipei City, Taiwan (R.O.C.)
 Citizenship: TAIWAN / REPUBLIC OF CHINA



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In Testimony Whereof, I hereunto set my hand.

SIGNATURE

1. First Assignor Signature: Pan, Chan-Ping Date: 7/18/2011
Name: Chan-Ping Pan
Residence City: Taipei City, Taiwan/ROC
Address: No. 43, Sec. 4, Keelung Rd., Da'an Dist., Taipei City, Taiwan (R.O.C.)
Citizenship: TAIWAN / REPUBLIC OF CHINA

2. Second Assignor Signature: Chao-Lung Hwang Date: 7/20/2011
Name: Chao-Lung Hwang
Residence City: Taipei City, Taiwan/ROC
Address: No. 43, Sec. 4, Keelung Rd., Da'an Dist., Taipei City, Taiwan (R.O.C.)
Citizenship: TAIWAN / REPUBLIC OF CHINA

3. Third Assignor Signature: Chung-Chuan Chang Date: _____
Name: Chung-Chuan Chang
Residence City: Taipei City, Taiwan/ROC
Address: No. 43, Sec. 4, Keelung Rd., Da'an Dist., Taipei City, Taiwan (R.O.C.)
Citizenship: TAIWAN / REPUBLIC OF CHINA

4. Fourth Assignor Signature: Yu-Hsien Chiang Date: 7/22/2011
Name: Yu-Hsien Chiang
Residence City: Taipei City, Taiwan/ROC
Address: No. 43, Sec. 4, Keelung Rd., Da'an Dist., Taipei City, Taiwan (R.O.C.)
Citizenship: TAIWAN / REPUBLIC OF CHINA