

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
<table><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Che-Hung Liu</td><td>09/07/2006</td></tr><tr><td>Po-Lun Cheng</td><td>09/07/2006</td></tr><tr><td>Chun-An Lin</td><td>09/07/2006</td></tr><tr><td>Li-Yuen Tang</td><td>09/07/2006</td></tr><tr><td>Hung-Lin Shih</td><td>09/07/2006</td></tr><tr><td>Ming-Chi Fan</td><td>09/07/2006</td></tr><tr><td>Hsien-Liang Meng</td><td>09/07/2006</td></tr><tr><td>Jih-Shun Chiang</td><td>09/07/2006</td></tr></tbody></table>	Name	Execution Date	Che-Hung Liu	09/07/2006	Po-Lun Cheng	09/07/2006	Chun-An Lin	09/07/2006	Li-Yuen Tang	09/07/2006	Hung-Lin Shih	09/07/2006	Ming-Chi Fan	09/07/2006	Hsien-Liang Meng	09/07/2006	Jih-Shun Chiang	09/07/2006	
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Jih-Shun Chiang	09/07/2006																		
RECEIVING PARTY DATA																			
Name:	United Microelectronics Corp.																		
Street Address:	No. 3, Li-Hsin Rd. II, Science-Based Industrial Park,																		
City:	Hsinchu																		
State/Country:	TAIWAN																		
PROPERTY NUMBERS Total: 1																			
<table><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11530480</td></tr></tbody></table>	Property Type	Number	Application Number:	11530480															
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CORRESPONDENCE DATA																			
Fax Number:	(949)660-0809																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
Email:	USA@JCIPGroup.com.tw																		
Correspondent Name:	JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE																		
Address Line 1:	7F.-1, NO. 100, ROOSEVELT RD., SEC. 2,																		
Address Line 4:	TAIPEI, TAIWAN 100																		
ATTORNEY DOCKET NUMBER:	19042-US-PA																		
NAME OF SUBMITTER:	Belinda Lee																		

CH \$40.00 11530480

PATENT

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REEL: 018269 FRAME: 0647

Total Attachments: 3

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PATENT

REEL: 018269 FRAME: 0648

ASSIGNMENT CONTINUED

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

Signature: Che Hung Liu
Sole or First Joint Inventor: Che-Hung Liu

Date: September 7, 2006

Signature: Po Lun Cheng
Second Joint Inventor (if any): Po-Lun Cheng

Date: September 7, 2006

Signature: chun An Lin
Third Joint Inventor (if any): Chun-An Lin

Date: September 7, 2006

Signature: Li-Yuen Tang
Fourth Joint Inventor (if any): Li-Yuen Tang

Date: September 7, 2006

Signature: Hung-Lin Shih
Fifth Joint Inventor (if any): Hung-Lin Shih

Date: September 7, 2006

Signature: Ming-chi Fan
Sixth Joint Inventor (if any): Ming-Chi Fan

Date: September 7, 2006

Signature: Hsien-Liang Meng
Seventh Joint Inventor (if any): Hsien-Liang Meng

Date: September 7, 2006

ASSIGNMENT CONTINUED

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

Signature: Jih-Shun Chiang
Eighth Joint Inventor (if any): Jih-Shun Chiang

Date: September 7, 2006