

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>Chih-Jen Mao</td><td>09/20/2006</td></tr><tr><td>Chun-Hung Hsia</td><td>09/20/2006</td></tr><tr><td>Da-Ching Yang</td><td>09/20/2006</td></tr><tr><td>Chun-Cheng Yu</td><td>09/20/2006</td></tr><tr><td>Chien-Fu Chu</td><td>09/20/2006</td></tr><tr><td>Kuo-Wei Yang</td><td>09/20/2006</td></tr><tr><td>Chun-Han Chuang</td><td>09/20/2006</td></tr><tr><td>Hui-Shen Shih</td><td>09/20/2006</td></tr></tbody></table>	Name	Execution Date	Chih-Jen Mao	09/20/2006	Chun-Hung Hsia	09/20/2006	Da-Ching Yang	09/20/2006	Chun-Cheng Yu	09/20/2006	Chien-Fu Chu	09/20/2006	Kuo-Wei Yang	09/20/2006	Chun-Han Chuang	09/20/2006	Hui-Shen Shih	09/20/2006	
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Hui-Shen Shih	09/20/2006																		
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 border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11535072</td></tr></tbody></table>	Property Type	Number	Application Number:	11535072															
Property Type	Number																		
Application Number:	11535072																		
CORRESPONDENCE DATA																			
Fax Number:	(949)660-0809																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
Email:	usa@jcpigroup.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:	18716-US-PA																		
NAME OF SUBMITTER:	Belinda Lee																		

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PATENT

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REEL: 018383 FRAME: 0667

Total Attachments: 3

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PATENT

REEL: 018383 FRAME: 0668

ASSIGNMENT CONTINUED

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

Signature: Chih-Jen Mao

Date: Sep. 20, 2006

Sole or First Joint Inventor: Chih-Jen Mao

Signature: Chun Hung Hsia

Date: Sep. 20, 2006

Second Joint Inventor (if any): Chun-Hung Hsia

Signature: Ta Ching Yang

Date: Sep. 20, 2006

Third Joint Inventor (if any): Ta-Ching Yang

Signature: Chun-Cheng Yu

Date: Sep. 20, 2006

Fourth Joint Inventor (if any): Chun-Cheng Yu

Signature: Chien-Fu Chu

Date: Sep. 20, 2006

Fifth Joint Inventor (if any): Chien-Fu Chu

Signature: Kuo-Wei Yang

Date: Sep. 20, 2006

Sixth Joint Inventor (if any): Kuo-Wei Yang

Signature: Chun-Han Chuang

Date: Sep. 20, 2006

Seventh Joint Inventor (if any): Chun-Han Chuang

ASSIGNMENT CONTINUED

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

Signature: Hui-Shen Shih

Date: Sep. 20, 2006

Eighth Joint Inventor (if any): Hui-Shen Shih