

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
United Microelectronics Corporation	05/15/2013
RECEIVING PARTY DATA	
Name:	National Cheng Kung University
Street Address:	No. 1, University Road
City:	Tainan City 701
State/Country:	TAIWAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	5636152
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	Winston O. Huff
Signature:	/s/ Winston O. Huff
Date:	05/29/2013
Total Attachments: 4 source=Duly executed assignment of letter#page1.tif source=Duly executed assignment of letter#page2.tif source=Duly executed assignment of letter#page3.tif source=Duly executed assignment of letter#page4.tif	

OP \$40.00 5636152

PATENT

ASSIGNMENT

WHEREAS, **United Microelectronics Corporation** a corporation organized and existing under and by virtue of the laws of Taiwan, R.O.C., having an office at **No. 3, Li-Hsin 2nd Road, Hsinchu Science Park, Hsinchu, Taiwan, R.O.C.**, and **National Cheng Kung University**, a university organized and existing under and by virtue of the laws of Taiwan, R.O.C., having an office at **No.1, University Road, Tainan City 701, Taiwan, R.O.C.**, are co-owners of the following application:

1) **TWO-DIMENSIONAL INVERSE DISCRETE COSINE TRANSFORM PROCESSOR**

for which an application for Letters Patent in the United States was granted on June 3, 1997 and assigned Patent Number 5,636,152;

WHEREAS, **National Cheng Kung University**, a university organized and existing under and by virtue of the laws of Taiwan, R.O.C., having an office at **No.1, University Road, Tainan City 701, Taiwan, R.O.C.**, its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to the said Patent;

NOW THEREFORE, for and in consideration of the sum of Ten Dollars (\$10.00) lawful money of the United States and other valuable considerations, to us in hand paid, the receipt of and sufficiency whereof are hereby acknowledged, the said **United Microelectronics Corporation** and **National Cheng Kung University** have sold, assigned and transferred and do hereby sell, assign and transfer unto the said Assignees, their successors and assigns, their entire undivided right, title and interest in and to the said applications and the inventions therein contained, including all rights of action and damages for past infringement, and including the right to apply for any Letters

Patent(s) in the United States of America and in all foreign countries on said inventions and including the right to claim the priority of the date of filing in the United States and any Letters Patent(s) that may issue thereon, or therefore, in the United States and foreign countries and all reissues, extensions, renewals, divisions and continuations thereof, to the full end of the term or terms for which said Letters Patent(s) may be issued, to be held and enjoyed by the said Assignees, their successors and assigns, the same as it would have been held and enjoyed by **United Microelectronics Corporation** and **National Cheng Kung University**, if this assignment and sale had not been made.

AND, **United Microelectronics Corporation** and **National Cheng Kung University**, hereby authorize and request the Commissioner of Patents and Trademarks to issue all such Letters Patent(s) to the said Assignees, in accordance with this instrument of assignment.

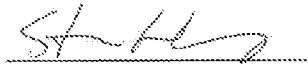
**United Microelectronics Corporation** and **National Cheng Kung University** hereby represent and warrant that there are no rights or interests outstanding inconsistent with the rights and interests granted herein and that **United Microelectronics Corporation** and **National Cheng Kung University** will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and **United Microelectronics Corporation** and **National Cheng Kung University** bind themselves and their heirs, executors, administrators, employees and legal representatives, as the case may be, to execute and deliver to the said Assignees, their successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the said Assignees, their successors and assigns, to file applications for the said improvements and inventions in any country where they may elect to file such applications, and that may be necessary to vest in the said Assignees, their successors and assigns, the title herein

conveyed, or intended so to be, and to enable such title to be recorded in the United States and foreign countries where such application or applications may be filed.

AND, **United Microelectronics Corporation** and **National Cheng Kung University** further covenant and agree, in consideration of the premises, that they, their executors and administrators will, at any time upon request, communicate to the said Assignees, their successors and assigns, any facts relating to the said inventions and improvements and the history thereof, known to them or their successors and assigns, and that they will testify as to the same in any interference or other proceeding when requested to do so by the said Assignees, their successors and assigns.

The undersigned hereby grants Muncy, Geissler, Olds & Lowe, PLLC the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, United Microelectronics Corporation has hereunto set  
my hands and seal.



(Signature)

Stan HUNG

May 15, 2013

(Date)

IN TESTIMONY WHEREOF, National Cheng Kung University has hereunto set my  
hands and seal.



(Signature)

Hwung-Hweng HWUNG

May 15, 2013

(Date)