503058495 11/12/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3105097

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MING-TSUNG WU	10/31/2014
SHIH-PING HONG	10/31/2014

RECEIVING PARTY DATA

Name:	MACRONIX INTERNATIONAL CO., LTD.
Street Address:	NO. 16, LI-HSIN ROAD
Internal Address:	SCIENCE-BASED INDUSTRIAL PARK
City:	HSINCHU
State/Country:	TAIWAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14539368

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	P1030152
NAME OF SUBMITTER:	FRANK J. UXA
SIGNATURE:	/frank j uxa/
DATE SIGNED:	11/12/2014

Total Attachments: 2

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PATENT 503058495 REEL: 034156 FRAME: 0439

Docket: P1030152

WHEN RECORDED, RETURN TO:

Frank J. Uxa Stout, Uxa & Buyan, LLP 4 Venture, Suite 300 Irvine, CA 92618

ASSIGNMENT

WHEREAS, we, Ming-Tsung Wu and Shih-Ping Hong have invented certain new and useful improvements in:

CONTACT STRUCTURE FOR NAND BASED NON-VOLATILE MEMORY DEVICE AND A METHOD OF MANUFACTURE

said inventors having executed application papers for United States Letters Patent thereon on the day corresponding to the filing date of the above-captioned, by title and docket number, patent application;

WHEREAS, Macronix International Co., Ltd., hereinafter called Assignee, having a place of business at No. 16, Li-Hsin Road, Science-Based Industrial Park, Hsinchu, Taiwan (R.O.C.), is desirous of acquiring the entire and exclusive right, title and interest in and to the aforesaid invention, and in and to any Letters Patent which may be granted and issued in the United States and throughout the world therefor

NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for and in consideration of the sum of ONE DOLLAR (\$1) paid to us in hand paid by Assignee, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, by these presents do hereby sell, assign and transfer unto Assignee, its successors and assigns, the full and exclusive right, title and interest in and to the said invention, and in and to any Letters Patent which may be granted and issued in the United States and throughout the world therefor, and in any and all countries foreign thereto (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to the said invention as described in said applications, and in and to all Letters Patent granted on all divisions, reissues and continuations thereof, and we agree that, regardless of whether we have left the employee of or have undergone any change of relationship with Assignee and at a compensation rate last received by us from Assignee for similar efforts, we will communicate or provide to said Assignee, or its successors, consulting services including the provision of any and all facts and relevant information and materials known to me regarding said invention whenever requested, and will testify in any legal proceeding, sign all lawful papers, execute all divisional, reissue and continuation applications, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper patent protection for said invention in all countries;

AND, WE HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all Letters Patents on said invention or resulting therefrom to said Assignee, as assignees of our entire right, title and interest, and we covenant that we have full right so to do.

	nstrument constitutes the entire agreement of the parties and supersedes all prior communications, agreements relating to the subject matter hereof, whether oral or written.
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IN WITNESS WHI	EREOF, I have executed this instrument at
	this $\frac{2}{3}$ day of October, 2014.
Witness:	MING-TSUNG WI
(print name)	MING-TSUNG WU
IN WITNESS WUI	EREOF, I have executed this instrument at
III WIII YESS WIII	SKBOP, I have executed this institution at
· <u> </u>	this 3 1 day of October, , 2014.
Witness:	Shih-Ping Hong