503596509 12/04/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARTIN KINYUA	11/30/2015

RECEIVING PARTY DATA

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Property Type	Number
Application Number:	14959064

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NAME OF SUBMITTER:	JAMES R. POTASHNIK
SIGNATURE:	/James R. Potashnik/
DATE SIGNED:	12/04/2015

Total Attachments: 2

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PATENT 503596509 REEL: 037208 FRAME: 0660

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Martin Kinyua No. 8, Li-Hsin Rd. 6, Hsin-Chu Science Park Hsin-Chu, Taiwan 300-77 Republic of China

Assignee:

Taiwan Semiconductor Manufacturing Co., Ltd. No. 8, Li-Hsin Rd. 6, Hsin-Chu Science Park Hsin-Chu, Taiwan 300-77 Republic of China

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "PIPELINED SAR WITH TDC CONVERTER" for which:

CI III	on-provisional application for office States Letters Faterit.
\boxtimes	was executed on even date preparatory to filing (each inventor should sign this
	Assignment on the same day as he/she signs the Declaration); or
	was filed on and accorded U.S. Serial No; or
	I hereby authorize and request my attorney associated with Customer No
	107476, to insert on the designated lines below the filing date and application
	number of said application when known;
	U.S. Serial No.
	filed on

WHEREAS, ASSIGNEE (listed above), a corporation of the Republic of China is desirous of acquiring the entire right, title and interest in and to the invention and in and to

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REEL: 037208 FRAME: 0661

TSMC Docket No. P20150855US00 Docket No. TSMCP617US

11/30/2015

Name 1st Inventor Martin Kinyua

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