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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3457442

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EN-CHAO SHEN	07/17/2015
YIMING CHIU	07/17/2015

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14798464

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NAME OF SUBMITTER:	DAVID W. POTASHNIK
SIGNATURE:	/DAVID W. POTASHNIK/
DATE SIGNED:	07/28/2015

Total Attachments: 4

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> **PATENT** REEL: 036191 FRAME: 0407

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PATENT REEL: 036191 FRAME: 0408

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PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

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Assignor(s):

Yiming Chiu 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 "NOVEL SOLUTION FOR EUV POWER INCREMENT AT WAFER LEVEL" for

which:

a non-provisional application for United States Letters Patent:
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

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PATENTEN 15a
REEL: 036191 FRAME: 0409

TSMC Docket No. P20150229US00 Docket No. TSMCP577US

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

any letters patent that may be granted therefore in the United States and in any and all

foreign countries;

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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of

which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto

ASSIGNEE its successors and assigns, the entire right, title and interest in and to said

invention and improvements, said application and any and all letters patent which may be

granted for said invention in the United States of America and its territorial possessions and

in any and all foreign countries, and in any and all divisions, reissues, re-examinations and

continuations thereof, including the right to file foreign applications directly in the name of

ASSIGNEE and to claim priority rights deriving from said United States application to which

said foreign applications are entitled by virtue of international convention, treaty or otherwise,

said invention, application and all letters patent on said invention to be held and enjoyed by

ASSIGNEE and its successors and assigns for their use and benefit and of their successors

and assigns as fully and entirely as the same would have been held and enjoyed by

ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S)

hereby authorize and request the Commissioner of Patents and Trademarks to issue all

letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all

instruments and documents required for the making and prosecution of applications for

United States and foreign letters patent on said invention, for litigation regarding said letters

patent, or for the purpose of protecting title to said invention or letters patent therefore.

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REEL: 036191 FRAME: 0410

TSMC Docket No. P20150229US00 Docket No. TSMCP577US

Name 1st Inventor En-Chao Shen

En-chao Shen

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TSMC Docket No. P20150229US00 Docket No. TSMCP577US

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