## 503614122 12/16/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3660753

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SUSS MICROTEC, INC.	03/10/2011

#### **RECEIVING PARTY DATA**

Name:	SUSS MICROTEC LITHOGRAPHY GMBH
Street Address:	SCHLEISSHEIMER STR. 90
City:	GARCHING
State/Country:	GERMANY
Postal Code:	85748

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14556298

#### **CORRESPONDENCE DATA**

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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

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Email: kwoo@fenwick.com

Correspondent Name: JOHN E. KIND

Address Line 1: FENWICK & WEST LLP
Address Line 2: 801 CALIFORNIA STREET

Address Line 4: MOUNTAIN VIEW, CALIFORNIA 94041

ATTORNEY DOCKET NUMBER:	32518-29889/US
NAME OF SUBMITTER:	JOHN E. KIND, REG NO. 70,670
SIGNATURE:	/John E. Kind/
DATE SIGNED:	12/16/2015

### **Total Attachments: 6**

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> PATENT REEL: 037304 FRAME: 0315

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# ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS

Whereas, SUSS MICROTEC INC, a US Company, having a place of business at 228 Suss Dr., Waterbury Center, VT 05677 (hereinafter, called "Assigner") is the owner of the following patents, applications and inventions:

		,		·	· · · · · · · · · · · · · · · · · · ·	·
Docket			Patent	Application	Patent	
No.	Title	Type	filed	No.	No.	Inventors
SU- 103UA	APPARATUS AND METHOD FOR IN-SITU MONITORIN G OF WAFER BONDING TIME	US utility	5/10/08	12/118,100	7612895	M. Gabriel, M. Stiles
SU- 103PCT	APPARATUS AND METHOD FOR IN-SITU MONITORIN G OF WAFER BONDING TIME	PCT	5/10/08	PCT/US20 08/063347		M. Gabriel, M. Stiles
SU- 104UA	APPARATUS AND METHOD FOR SEMICONDU CTOR BONDING	US utility	6/21/07	11/766,531		G. George, E. Hancock, R. Campbell
SU- 104PCT	APPARATUS AND METHOD FOR SEMICONDU CTOR BONDING	РСТ	6/22/07	PCT/US07 71857		G. George, E. Hancock, R. Campbell
SU- 105UA	APPARATUS AND METHOD	US utility	4/1/09	12/416,779		G. George

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SU-	APPARATUS	PCT	4/2/09	PCT/US09/	G. George
105PCT	AND			39238	
	METHOD		j		
	FOR				
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	CTOR				
	ALIGNING				
SU-	IMPROVED	US	6/10/09	12/481,692	E.
106UA	METHOD	utility	0/10/09	12/401,092	Hughlett,
100071	AND	utility			T. Price,
	APPARATUS			*	H.
	FOR WAFER				1
	BONDING				Johnson
SU-	IMPROVED	PCT	C/11/00	DOTAIGOA	 -
106PCT	METHOD	PCI	6/11/09	PCT/US20	E.
1001-01	AND			09/046967	Hughlett,
					T. Price,
Ì	APPARATUS				H.
	FOR WAFER	ļ			Johnson
CII	BONDING	7.70			
SU-	METHOD	US	11/16/09	12/618,846	G. George
107UA	AND	utility			
	APPARATUS			• •	
1	FOR WAFER				]
l	BONDING				
	WITH				
	ENHANCED				
	WAFER				
	MATING				
SU-	METHOD	PCT	11/16/09	PCT/US09/	 G. George
107PCT	AND			64509	
	APPARATUS				
	FOR WAFER				
	BONDING				
	WITH				]
	ENHANCED				
	WAFER				
	MATING				
SU-	RAPID	US	3/16/10	12/725,351	 J. Moore
108UA	FABRICATIO	Utility		,	J.
	N OF A	•			Hermano
	MICROELEC				wski
	TRONIC				

	TEMPORARY				
	SUPPORT TO				
	SUSTAIN				
	SUBSTRATE				
	THINNING				,
	AND				
	BACKSIDE				
	PROCESSING				
SU-	RAPID	PCT	3/17/10	PCT/US10/	 J. Moore
108PCT	FABRICATIO			27560	 J.
	N OF A MICROELEC				Hermano
	TRONIC				wski
	TEMPORARY				
ļ	SUPPORT TO				
	SUSTAIN				
	SUBSTRATE				
	THINNING				
	AND				
	BACKSIDE				
	PROCESSING				
SU-	IMPROVED	US	4/15/10	12/760,640	Н.
109AU	APPARATUS	Utility		ŕ	Johnson,
A	FOR	·			P. Gorun,
	TEMPORARY				E.
	WAFER			,	Hughlett,
	BONDING				J.
					Hermano
					wski, M.
		·			Stiles, M.
OT I	II (DDOVED	110	4/15/10	10/500 050	 Kuhnle
SU- 109BU	IMPROVED APPARATUS	US	4/15/10	12/760,973	G.
A	FOR	Utility			George, H.
A	TEMPORARY				Johnson,
	WAFER				P. Gorun,
	BONDING				E.
				٠	Hughlett,
					J.
					Hermano
					wski, M.
					Stiles,
SU-	IMPROVED	US	4/15/10	12/761,014	G.
109CU	APPARATUS	Utility			George,
A	FOR				H.
	TEMPORARY				Johnson,

	WAFER					P. Gorun,
	BONDING					J.
						Hermano
						wski, M.
						Stiles,
SU-	IMPROVED	US	4/15/10	12/761,044		G.
109DU	APPARATUS	Utility				George,
A	FOR TEMPORARY					H. Johnson,
	WAFER					D. Patricio
	BONDING					2.144.0.0
SU-	IMPROVED	PCT	4/14/10	PCT/US10/		G.
109PCT	APPARATUS			31302		George,
	FOR					H.
	TEMPORARY WAFER					Johnson,
	BONDING					P. Gorun, E.
	DOMDING					Hughlett,
		-	,			J.
						Hermano
	,					wski, M.
						Stiles, M.
						Kuhnle, W. Bair,
						D. Patricio
SU-	AUTOMATE					J.
110UA	D THERMAL					HERMAN
	SLIDE	US				OWSKI
	DEBONDER	Utility	12/22/10	12/975,521		
	AUTOMATE					
	D THERMAL					J.
SU-	SLIDE	DOT	10/05/15	PCT/US20		HERMAN
SU-	DEBONDER	PCT	12/22/10	10/061725		OWSKI
111prov	IMPROVED DEBONDING					
p.ov	EQUIPMENT		,			
	AND					
	METHODS					
	FOR					
	TEMPORARY BONDED					
	WAFERS	provisi onal	4/16/10	61324888		G. George
GIT				5.52.1000		
SU- 112UA	THIN WAFER CARRIER	US	2/7/11	12/022 215		D. Hurley;
112UA	CARRIER	Utility	2/7/11	13/022,215	<u> </u>	G. George

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SU- 112PCT SU- 113prov	THIN WAFER CARRIER APPARATUS FOR HIGH THROUGHPU T WAFER BONDING	PCT provisi onal	2/8/11 4/12/10	PCT/US20 11/023961 61322980		D. Hurley; G. George G. George
SU- 114prov	APPARATUS AND METHOD FOR DETAPING AN ADHESIVE LAYER FROM THE SURFACE OF ULTRA THIN WAFERS	provisi onal	5/27/10	61348794		G. George
C 451 US	Proximity mask alignment using stored image	US utility	2/7/92	07/832,413	5204739	P.L. Domenica li

And whereas SUSS MICROTEC LITHOGRAPHY, GmbH, a German Company, having a place of business at 90 Schleissheimer Str., 85748 Garching, Germany (hereinafter, called "Assignee"), desires to acquire the entire right, title and interest in said Patents, Applications and inventions, and to any United States and foreign patents to be obtained therefore;

Now therefore, for good and valuable consideration, receipt whereof is hereby acknowledged, Assigner hereby sells, assigns, and transfers to Assignee, its successors and assigns, the entire right, title and interest in said Patents, Applications and inventions therein disclosed for the United States and foreign countries, and all rights of priority

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resulting from the filing of said United States Applications, and Assigner requests the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to Assignee, its successors and assigns; and Assigner hereby agrees that Assignee may apply for foreign Letters Patent on said inventions and Assigner will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by Assignee.

SUSS MICROTEC INC hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into, which would conflict with this assignment.

(1) Executed at _	SUNNYVACE	on_	MARCH	10/n, 2011
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State of CALIFORNIA
County of Sasta Clara

Before me person	ally appeared ar	nd acknowledged the foreg	joing instrument t	to be his free
act and deed this		day of	, 2011	

Seal



Notary Public