## 504121581 12/02/2016 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW A	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIG	ASSIGNMENT				
CONVEYING PARTY DA	ATA						
		Name	Name			Execut	tion Date
MASAAKI AMAKO					06/10/20	)15	
HARUNA YAMAZAKI					06/10/20	)15	
SHIN YOSHIDA					06/10/20	)15	
MAKOTO YOSHITAKE					06/15/20	)15	
RECEIVING PARTY DA	ТА						
Name:	DOW C	ORNING TO	RAY CO., LTD.				
Street Address:	5-1, OT	EMACHI 1-C	HOME				
Internal Address:	CHIYODA-KU						
City:	ΤΟΚΥΟ						
State/Country:	JAPAN						
Postal Code:	100-000	)4					
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PROPERTY NUMBERS Property Type	Total: 1		Number				
		15316071	Number				
Property Type	ATA e sent to provided	<i>the e-mail a</i> ; <i>if that is ur</i> 612-373-690 Request@slv SCHWEGMA P.O. BOX 29	address first; if that nsuccessful, it will b 0 vip.com NN LUNDBERG & W0	d <b>e sen</b> Dessi	t via US	Mail.	e sent
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA e sent to provided	<i>the e-mail a</i> ; <i>if that is ur</i> 612-373-690 Request@slv SCHWEGMA P.O. BOX 29	address first; if that nsuccessful, it will b o vip.com NN LUNDBERG & Wo 38 .IS, MINNESOTA 554	d <b>e sen</b> Dessi	t via US	Mail.	e sent
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to provided	the e-mail a ; if that is ur 512-373-690 Request@slv SCHWEGMA P.O. BOX 29 MINNEAPOL 3226.0	address first; if that nsuccessful, it will b o vip.com NN LUNDBERG & Wo 38 .IS, MINNESOTA 554	d <b>e sen</b> Dessi	t via US	Mail.	e sent
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA e sent to provided	the e-mail a ; if that is un 612-373-690 Request@slv SCHWEGMA P.O. BOX 29 MINNEAPOL 3226.0 MICHE	nddress first; if that nsuccessful, it will b vip.com N LUNDBERG & Wo 38 .IS, MINNESOTA 554 76US1	d <b>e sen</b> Dessi	t via US	Mail.	e sent

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For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we the undersigned owner (assignor).

## ASSIGNOR (inventors):

Masaaki Amako, a citizen of Japan

Haruna Yamazaki, a citizen of Japan

Shin Yoshida, a citizen of Japan

Makoto Yoshitake, a citizen of Japan

Hereby sells, assigns and transfers to

ASSIGNEE: Dow Coming Toray Co., Ltd. 5-1, Otemachi 1-chome Chiyoda-ku Tokyo 100-0004 JAPAN

and the successors and assigns of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled

## IMPRINTING PROCESS OF HOT-MELT TYPE CURABLE SILICONE COMPOSITION FOR OPTICAL DEVICES

and which is found in PCT Application Serial No. PCT/US2015/034113 filed on June 4, 2015, which claims priority to U.S. Patent Application Serial No. 62/007,554 filed on June 4, 2014, and any legal equivalent thereof in a foreign country, including the right to claim priority, and, in and to, all Letters Patent to be obtained for said invention or arising from or claiming priority to any of the above identified patent applications, or any national filing, continuation, division, renewal, or substitute thereof arising from or claiming priority to any of the above identified patent applications, and as to letters patent any re-issue or re-examination thereof.

To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney or agent, as designated in any Power of Attorney I have executed with respect to this invention, to insert the filing dates and serial

PATENT REEL: 040501 FRAME: 0891 Attorney Docket No. 3226.076WO1 Client Ref. No. DC1 1905 PCT 1 WO

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numbers of the above identified patent applications when they become known in the space above if not already provided.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and ASSIGNOR will testify as to the same in any interference, litigation or proceeding related thereto.

ASSIGNOR further covenants to promptly execute and deliver to ASSIGNEE or its successors or assigns any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof and to execute any divisional or continuing application or applications which may be necessary or proper to obtain full protection on the invention hereby assigned; and to execute any and all supplemental oaths and preliminary statements, should the same be necessary or desirable in the prosecution of the aforesaid applications and to carry out the purposes thereof.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my seal this 200 day of 3ung, 2015.

Massiello Amala

This is to certify that Masaaki Amako has signed this document in my presence this <u>10</u> day of <u>1000</u>, 2015.

chiefs Natayoch

Signature of Witness

Attorney Docket No. 3226.076WOI Client Ref. No. DC11905 PCT 1 WO

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IN WITNESS WHEREOF I have hereunto set my hand and affixed my seal this <u>/ 0</u> day of <u>Time</u>, 2015.

Haruna Yamazaki Haruna Yamazak

This is to certify that Haruna Yamazaki has signed this document in my presence this \_\_\_\_\_ day of \_\_\_\_\_\_, 2015.

<u>\_ Aieko Aktayochi</u> Signature of Witness

Attorney Docket No. 3226.076WO1 Client Ref. No. DCI 1905 PCT 1 WO

IN WITNESS WHEREOF I have hereunto set my hand and affixed my seal this  $\frac{1}{2}$  day of  $\frac{1}{2}$  where  $\frac{1}{2}$  and  $\frac{1}{2}$  day of  $\frac{1}{2}$  where  $\frac{1}{2}$  and  $\frac{1}{2}$  day of  $\frac{1}{2}$  and  $\frac{1}{2}$  day of  $\frac{1}{2}$  day of \frac{1}{2} day of  $\frac{1}{2}$  day of \frac{1}{2} day of  $\frac{1}{2}$  day of \frac{1}{2} day of \frac{1}{2} day of \frac{1}{2} day of

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Shin Yoshida

This is to certify that Shin Yoshida has signed this document in my presence this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

<u>Chits h h kayoch</u> Signature of Witness

Attorney Docket No. 3226.076WO1 Client Ref. No. DCI 1905 PCT 1 WO

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IN WITNESS WHEREOF I have hereunto set my hand and affixed my seal this \_\_\_\_\_ day of \_\_\_\_\_\_\_, 2015.

Mykoto Moshitake

Makoto Yoshitak

This is to certify that Makoto Yoshitake has signed this document in my presence this

Signature of Witness