PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MASAHIKO ITAKURA	02/05/2019
MASAHIRO KATAYAMA	02/05/2019
TAKAYUKI UNO	02/05/2019

RECEIVING PARTY DATA

Name:	DAICEL POLYMER LTD.	
Street Address:	2-18-1, KONAN	
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State/Country:	JAPAN	
Postal Code:	108-8231	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16324427

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	KET NUMBER: 3400.P1501US	
NAME OF SUBMITTER:	TERRYENCE F. CHAPMAN	
SIGNATURE: /TERRYENCE F. CHAPMAN/		
DATE SIGNED:	02/11/2019	

Total Attachments: 2

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PATENT 505322520 REEL: 048293 FRAME: 0154

United States (Sole or Joint) (Excluding Poreign Rights)

U.S. Serial No.: 3400.P1501US U.S. Serial No.: 16/324 427 U.S. Filing Date: February 8, 2019

ASSIGNMENT

WHEREAS, We, Masahiko ITAKURA, Masahiro KATAYAMA and Takayuki UNO, residing at c/o Daicel Polymer Ltd., 2-18-1, Konan, Minato-ku, Tokyo 108-8231, Japan, c/o Daicel Polymer Ltd., 12, Fujicho, Hirohata-ku, Himeji-shi, Hyogo 671-1123, Japan and c/o Daicel Polymer Ltd., 12, Fujicho, Hirohata-ku, Himeji-shi, Hyogo 671-1123, Japan, respectively,

have invented certain new and useful improvements in

METHOD FOR ROUGHENING METAL MOLDED BODY SURFACE

for which an application for United States Letters Patent was filed on <u>August 31, 2017</u> and received PCT Application No. or U.S. Serial No. <u>PCT/JP2017/031328</u>.

WHEREAS, DAICEL POLYMER LTD.

having a place of business at 2-18-1, Konan, Minato-ku, Tokyo 108-8231, Japan

hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor, in the United States and its territorial possessions.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other valuable considerations, the receipt whereof is hereby acknowledged, I/we have sold, assigned and transferred, and by these presents do sell, assign, transfer and confirm in and to said Assignee my/our full and exclusive right to the said invention in the United States and its territorial possessions and my/our entire right, title and interest in and to said application and any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations and extensions thereof.

I/We hereby authorize and request the Patent Office Officials in the United States to issue any and all of said Letters Patent, when granted, to said Assignee for the sole use and behoof of the said Assignee, its successors and assigns.

(00261544.DOC)

PATENT REEL: 048293 FRAME: 0155 I/We hereby authorize and request the attorneys of record to insert in this Assignment the filing date and serial number of the above-referenced United Sates application when officially known.

IN TESTIMONY	WHEREOF,	I/We have hereunto	set my/our hand(s).
Witnessed by:		Inventor:	Date: February 5, 2019
		<u>hasahiko</u> Masahiko ITAKURA	Stubura
		Inventor:	Date: February 5, 2019
		Masahiro KATAYAM	Ratayana
		Inventor:	Date: February 5, 2019
		Takayuki	Uno
		Takasniki IINO	

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PATENT REEL: 048293 FRAME: 0156

RECORDED: 02/11/2019