505142285 10/15/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5189051

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ABNEESH SRIVASTAVA	03/25/2013
THOMAS RICHARD GAFFNEY	03/25/2013
JOSHUA T. COOK	03/25/2013
PETER K. SHOGREN	03/25/2013
DAIMHIN PAUL MURPHY	03/25/2013
STENIO DA COSTA PEREIRA	04/02/2013

# **RECEIVING PARTY DATA**

Name:	ENTEGRIS, INC.	
Street Address:	129 CONCORD ROAD	
City:	BILLERICA	
State/Country:	MASSACHUSETTS	
Postal Code:	01821	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15614409

### **CORRESPONDENCE DATA**

Fax Number:

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.

**Phone:** 978-436-6500

**Email:** ip\_prosecution@entegris.com

Correspondent Name: ENTEGRIS, INC.

Address Line 1: 129 CONCORD ROAD

Address Line 4: BILLERICA, MASSACHUSETTS 01821

ATTORNEY DOCKET NUMBER:	201100015 US CON
NAME OF SUBMITTER:	CATHERINE D. GATES
SIGNATURE:	/Catherine D. Gates/
DATE SIGNED:	10/15/2018

**Total Attachments: 9** 

PATENT REEL: 047169 FRAME: 0553

505142285

source=201100015 US CON assignment filing#page1.tif	
source=201100015 US CON assignment filing#page2.tif	
source=201100015 US CON assignment filing#page3.tif	
source=201100015 US CON assignment filing#page4.tif	
source=201100015 US CON assignment filing#page5.tif	
source=201100015 US CON assignment filing#page6.tif	
source=201100015 US CON assignment filing#page7.tif	
source=201100015 US CON assignment filing#page8.tif	
source=201100015 US CON assignment filing#page9.tif	

PATENT REEL: 047169 FRAME: 0554

Joint

# ASSIGNMENT

WHEREAS, we, Abneesh Srivastava, Thomas Richard Gaffney, Joshua T. Cook, Peter K. Shogren, Daimhin Paul Murphyand Stenio da Costa Pereira, have invented a certain improvement in Gas Purifier described in an application for Patent,

	the specification of which is about to be filed in the United States Patent Office (use for utility (37 CFR § 1.53(b)) and design filings only);
	is about to be filed in the United States Patent Office as a Provisional Application
	the specification of which is United States Application No. [ ], filed [ ];
$\boxtimes$	the specification of which is a Patent Cooperation Treaty Application, International Application No. PCT/US2013/025239, filed February 8, 2013, which designates the United States of America;
	which was patented under United States Patent No. [ ].

WHEREAS, Entegris, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 129 Concord Road, Building 2, Billerica, MA 01821 US desires to confirm its interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America. its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for any and all related provisional and nonprovisional, international and national phase applications, including any and all substitution, reissue, divisional, continuation, and continuation-in-part applications, and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

> PATENT REEL: 0**43589** FRAME: 0865

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation, continuation-in-part applications, and all related provisional and nonprovisional, international and national phase applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor's Signature:	Abneesh
	Abneesh Srivastava
State/Commonwealth of Yew your County of Enic	
On this 25 day of Ma public, personally appeared Abneesh	
personally known to me, or	
proved to me through satisfact	tory evidence of identification, which was
CA Drivers Lic #D5306818	
acknowledged that he/she signed the f	ned on the foregoing instrument in my presence, and foregoing instrument as his/her free act and deed.
(SEAL)	Notary Public h. Yvanne Curry L. YVONNE CURRY (print name)
	L YVONNE CURRY (print name)
	My Commission expires 1 / 4 / 3015
	L. YVONNE CURRY

Inventor's Signature:	1 homes	Richard L	Jack Land	
• · · · · · · · · · · · · · · · · · · ·	Thoma	s Richard Gaffne	ν//)' <i>/</i>	
State/Commonwealth of			W	
County of				
~ o < <sup>7</sup>	of march	/	San Service	
On this day public, personally appeare			, before me, the undersigned notary	
paone, personarry appeare	d Tiloilias Micila	id Gairney,		
personally known	o me, or	K **		
proved to me throu	gh satisfactory e	vidence of identi	fication, which was	
And the second s	er - Josef Stein manten			
acknowledged that he/she	ne was signed or signed the foreg	n the foregoing in oing instrument a	strument in my presence, and s his/her free act and deed.	
(SEAL)	* .	Notary Public_	SEE ATTACHED	
		***************************************	(print name	e)
	01	My Commissio	on expires//	
Inventor's Signature:	Han	7.600		in and
State/Commonwealth	Jo	shua T. Cook		
of				
County of	·			
On this day public, personally appeare	of <u>March</u> d Joshua T. Coo	<u>20 <i>[]</i> ,</u>	, before me, the undersigned notary	
personally known t				
proved to me throu	gh satisfactory e	vidence of identif	fication, which was	
to be the person whose nar acknowledged that he/she			strument in my presence, and s his/her free act and deed.	
(SEAL)	- 4 	Notary Public_	SEE ATTACHED	<u></u>
			(print name	e)
	277 被基 - 4	My Commissio		**************************************

	Docket No. 3194.1082-002
Inventor's Signature:	Peter K. Shogren
State/Commonwealth	Peter K. anogren
of	
County of	
On this day of public, personally appeared Peter K. S	20 , before me, the undersigned notary shogren,
personally known to me, or	
proved to me through satisfact	ory evidence of identification, which was
	ed on the foregoing instrument in my presence, and oregoing instrument as his/her free act and deed.
(SEAL)	Notary Public SEE ATTACHED
	(print name)
	My Commission expires//
Inventor's Signature:	- Par Muyhy Daimhin Paul Marnhyi
	Daimhin Paul Murphy
State/Commonwealth of	
County of	
On this day of public, personally appeared Daimhin l	20 , before me, the undersigned notary P. Murphy,
personally known to me, or	
proved to me through satisfact	ory evidence of identification, which was
	ed on the foregoing instrument in my presence, and oregoing instrument as his/her free act and deed.
(SEAL)	Notary Public SEE ATTACHE

My Commission expires \_\_\_\_/\_\_/

\_\_\_\_(print name)

Inventor's Signature:
Stenio da Costa Pereira
State/Commonwealth
of CALAEXIA County of SAN DIEGO
County of SAN DIP 40
On this 2nd day of APRIL 2013, before me, the undersigned notary
public, personally appeared Stenio da Costa Pereira,
personally known to me, or
proved to me through satisfactory evidence of identification, which was
CALIFORNIA DRIVERS LICENSE
to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.
Wist On and an
(SEAL) KIRSTI JO DONALDSON Notary Public COMM. #1892989
Notary Public · California KIRIT TO DANALOSON (print name)
San Diego County  My Comm. Expires June 18, 2014 y Commission expires 46 / 18 / 2014

1412251.1

State of California	
S. (D. 7)	LEBRAH I. SHAWAR NOMEY BUBLIC Here Insent Name and Title of the Officer PICHARD CASSAGY
County of JAN DIEERO	
On HARCH 25, 2013 before me	DERMONE TEMPONE 1/- 100
Date / Schole Ine,	Here Insert Name and Title of the Office
personally appeared /HIMAS K	CICHARD GARRAGY
	Name(s) of Signer(s)
State of California  County of SAN DIECO  On Halch 25, 2013 before me, personally appeared 1101145 k  DEBORAH I. SHAWVER Commission # 1971266 Notary Public - California San Diego County My Comm. Expires Mar 4, 2016  Place Notary Seal Above  Though the information below is not require and could prevent fraudulent rem Description of Attached Document Title or Type of Document: ASSICAL Document Date:  Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s)	who proved to me on the basis of satisfacto evidence to be the person(s) whose name(s) is/a subscribed to the within instrument and acknowledge to me that he/she/they executed the same his/her/their authorized capacity(iee), and that his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
	laws of the State of California that the foregoin paragraph is true and correct.
Place Notary Seal Above	WITNESS my hand and official seal. Signature:
To a second seco	Signature of Notary Public
rriough the information below is not require and could prevent fraudulent rem	oval and reattachment of this form to another document oval and reattachment of this form to another document.
Description of Attached Document	another godument,
Title or Type of Document: ASSIC1/	VHENT OF PATENT
Document Date:	Number of Pages:
Signer(s) Other Than Named Above:	and the distance of the distan
-, oigner(a)	
Signer's Name:	Signer's Name:
Uorporate Officer — Title(s):	☐ Corporate Officer — Title(s):
HIGHTHU RICHTHU	APPINT G Individual
Farmer — ☐ Limited ☐ General Top of this	Individual No. Indivi
Autorney in Fact	Attorney in Fact
J Prustee	☐ Trustee
Guardian or Conservator	☐ Guardian or Conservator
a Other:	Signer's Name:    Corporate Officer — Title(s):
1	A Company of the Comp
ligner Is Representing:	

PATENT REEL: 043569 FRAME: 0860

State of California	
County of SAN DIES	and the second second
County 01 271/11 27/5 2	
On <u>MARKET 25, ZOI3</u> befo	ore me, DEBORNH F. SHAWVER, MOTARY BUSCIC
personally appeared	Here insort Name and Tille of the Officer
percentany appeared	Name(s) of Signer(s)
	A Comme(a) of Orbite(a)
County of SAN DIES  On Malay 25, 2013 before personally appeared  DEBORAH I. S. Commission of Notary Public San Diego My Comm. Expires  Place Notary Seal Above  Though the information below is not and could prevent fraud  Description of Attached Document:  Document Date:  Signer(s) Other Than Named Above:  Capacity(ies) Claimed by Signer Signer's Name:	# 1971266 - California County S Mar 4, 2016  I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.  WITNESS my hand and official seal.  Signature:  OPTIONAL  OPTIO
Description of Attached Docum	
Title or Type of Document:	STUMMENT OF PATENT
Document Date:	Nimber of Dagan
Signer(s) Other Than Named Above:	
Capacity(ies) Claimed by Signe Signer's Name:  Corporate Officer Tille(1)	
good Grand,	Signer's Name:
Corporate Officer - Tillafate	
□ Corporate Officer — Title(s); □ Individual	Corporate Officer — Title(s):
Corporate Officer — Title(s):     Individual     Partner — □ Limited □ General	Corporate Officer — Title(s):    Individual   HIGHT THUMBPRINT   OF SIGNER   O
☐ Corporate Officer — Title(s): ☐ Individual ☐ Partner — ☐ Limited ☐ General ☐ Attorney in Fact	Corporate Officer — Title(s):    Grading   Individual   Hight Thumbering   OF Signer
☐ Corporate Officer — Title(s): ☐ Individual ☐ Partner — ☐ Limited ☐ General ☐ Attorney in Fact ☐ Trustee	Corporate Officer — Title(s):  Individual
Corporate Officer — Title(s):  Individual  Partner — □ Limited □ General  Attorney in Fact  Trustee  Guardian or Conservator	Corporate Officer — Title(s):  Individual  OF SIGNER  Top of them begging  Attorney in Fact  Guardian or Corporate Officer — Title(s):  HIGHT THUMBPRINT  OF SIGNER  Top of them begging  Top of them
Corporate Officer — Title(s):  Individual  Partner — Limited ☐ General  Attorney in Fact  Trustee  Guardian or Conservator  Other:	Corporate Officer — Title(s):  Individual In
Corporate Officer — Title(s):  Individual  Partner — Limited □ General  Attorney in Fact  Trustee  Guardian or Conservator  Other:	

PATENT REEL: 083589 FRAME: 0864

§ State of California	NOWLEDGMENT CIVIL COD
County of SAN DIEGO	<b>,</b>
a Harman	
on MAIDCH 25, 2013 before me, De	FEORAH J. SHAWVER, MOTARY PUIS LIC Here tasert Name and Title of the Officer SHOG REW Name(s) of Signer(s)
personally appeared PETER K	Hore Insert Name and Tale of the Officer
	Name(s) of Signer(s)
	Who proved to me on the last
	who proved to me on the basis of satisfactor evidence to be the person(s) whose name(s) is/ar subscribed to the within its line.
	and an including will be the contract and an including
And proprogramment particles	TO SHEADEN AVAILABLE THE
DEBORAH I. SHAWVER	his/her/their signature(s) on the instrument
Commission # 1971256	The state of the s
Notary Public - California San Diego County	executed the instrument.
My Comm. Expires Mar 4, 2016	Certify under PENALTY OF PERJURY under the
	laws of the State of California that the formation
- 100 (100 年 ) - 100 (100 H ) - 10	paragraph is true and correct.
the windows and the second	WITNESS my hand and official seal.
f *	ny mandrandonicial seal.
	1 March 1
Place Maintenance	Signature: ////////////
Place Notary Seal Above OPT	Signature: Signature of Hotary Public
Place Notary Seal Above  OPT  Though the information below is not required by and could prevent translation.	IONAL Signature of Molary Public
Place Notary Seal Above  OPT  Though the information below is not required by I and could prevent fraudulent removal a Description of Attached Document	IONAL Signature of Notary Public law, it may prove valuable to persons relying on the document and realtachment of this form to another document.
Place Notary Seal Above  OPT  Though the information below is not required by and could prevent fraudulent removal:  Description of Attached Document  Title or Type of Document:	IONAL Signature of Notary Public law, it may prove valuable to persons relying on the document and realtachment of this form to another document.
Place Notary Seal Above  OPT  Though the information below is not required by and could prevent fraudulent removal and could prevent fraudulent provided the could prevent fraudulent fra	Signature of Noting Public  law, it may prove valuable to persons relying on the document and realtachment of this form to another document.
Prace Notary Seal Above  OPT  Though the information below is not required by and could prevent fraudulent removal:  Description of Attached Document  Title or Type of Document: ASSICNMENT  Document Date:  Signer(s) Other Than Named Above:	Signature of Noting Public  law, it may prove valuable to persons relying on the document and realtachment of this form to another document.
Place Notary Seal Above  OPT  Though the information below is not required by and could prevent traudulent removal:  Description of Attached Document  Title or Type of Document: ASSICINMENT  Document Date:  Signer(s) Other Than Named Above:  Capacity(ies) Claimed by Signer(s)	Signature of Notiary Public  IONAL  Signature of Notiary Public  law, it may prove valuable to persons relying on the document and realtachment of this form to another document.  OS PATENT  Number of Pages:
Though the information below is not required by and could prevent fraudulent removal.  Description of Attached Document.  Title or Type of Document: ASSICINMENT  Document Date:  Signer(s) Other Than Named Above:  Capacity(ies) Claimed by Signer(s)	Signature of Noting Public  Signature of Noting Public  Signature of Noting Public  Idw. It may prove valuable to persons relying on the document and realtachment of this form to another document.  OS PATENT  Number of Pages:
Though the information below is not required by and could prevent fraudulent removal:  Description of Attached Document Title or Type of Document: ASSIGNMENT Document Date: Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name:	Signature of Noting Public  Signature of Noting Public  Signature of Noting Public  Idw. It may prove valuable to persons relying on the document and realtachment of this form to another document.  OS PATENT  Number of Pages:
Though the information below is not required by and could prevent fraudulent removal:  Description of Attached Document Title or Type of Document: ASSICINMENT  Document Date:  Signer(s) Other Than Named Above:  Capacity(ies) Claimed by Signer(s)  Signer's Name:  Corporate Officer — Title(s):	Signature of Noting Public  Signature of Noting Public  Signature of Noting Public  Idw. It may prove valuable to persons relying on the document and realtachment of this form to another document.  OS PATENT  Number of Pages:
Though the information below is not required by and could prevent fraudulent removal:  Description of Attached Document Title or Type of Document: ASSICNMENT  Document Date:  Signer(s) Other Than Named Above:  Capacity(ies) Claimed by Signer(s)  Signer's Name:  Corporate Officer — Title(s):  Individual  Partner — Limited — General  Top of thumb her	Signature of Noting Public  Signature of Noting Public  Signature of Noting Public  Idw. It may prove valuable to persons relying on the document and realtachment of this form to another document.  OS PATENT  Number of Pages:
Though the information below is not required by and could prevent traudulent removal:  Description of Attached Document Title or Type of Document: ASSIGNMENT  Document Date:  Signer(s) Other Than Named Above:  Capacity(ies) Claimed by Signer(s)  Signer's Name:  Corporate Officer — Title(s):  Individual  Partner — Limited J General  Attorney in Fact	Signature of Noting Public  Signature of Noting Public  Signature of Noting Public  Idw. It may prove valuable to persons relying on the document and realtachment of this form to another document.  OS PATENT  Number of Pages:
Place Notary Seal Above  OPT  Though the information below is not required by and could prevent fraudulent removal:  Description of Attached Document  Title or Type of Document: ASSIGNMENT  Document Date:  Signer(s) Other Than Named Above:  Capacity(ies) Claimed by Signer(s)  Signer's Name:  Corporate Officer — Title(s):  Individual  Partner — Climited General  Attorney in Fact  Trustee	Signature of Noting Public  Signature of Noting Public  Signature of Noting Public  Idw. It may prove valuable to persons relying on the document and realtachment of this form to another document.  OS PATENT  Number of Pages:
Though the information below is not required by and could prevent fraudulent removal:  Description of Attached Document Title or Type of Document: ASSICN MENT  Document Date:  Signer(s) Other Than Named Above:  Capacity(ies) Claimed by Signer(s)  Signer's Name:  Corporate Officer — Title(s):  Individual Partner — Limited General Attorney in Fact  Trustee  Guardian or Conservator	Signature of Noting Public  Signature of Noting Public  Signature of Noting Public  Idw. It may prove valuable to persons relying on the document and realtachment of this form to another document.  OS PATENT  Number of Pages:
Though the information below is not required by and could prevent traudulent removal:  Description of Attached Document Title or Type of Document: ASSICINMENT  Document Date:  Signer(s) Other Than Named Above:  Capacity(ies) Claimed by Signer(s)  Signer's Name:  Corporate Officer — Title(s):  Individual Partner — Limited General Attorney in Fact  Trustee Guardian or Conservator Other:	Signature of Noting Public  Signature of Noting Public  Signature of Noting Public  Idw. It may prove valuable to persons relying on the document and realtachment of this form to another document.  OS PATENT  Number of Pages:
Though the information below is not required by and could prevent fraudulent removal:  Description of Attached Document Title or Type of Document: ASSICNMENT  Document Date:  Signer(s) Other Than Named Above:  Capacity(ies) Claimed by Signer(s)  Signer's Name:  Corporate Officer — Title(s):  Individual  Partner — Limited General Attorney in Fact  Trustee  Guardian or Conservator  Other:	Signature of Noting Public  Signature of Noting Public  Signature of Noting Public  Idw. It may prove valuable to persons relying on the document and realtachment of this form to another document.  OS PATENT  Number of Pages:
Though the information below is not required by and could prevent fraudulent removal:  Description of Attached Document Title or Type of Document: ASSICN MENT  Document Date:  Signer(s) Other Than Named Above:  Capacity(ies) Claimed by Signer(s)  Signer's Name:  Corporate Officer — Title(s):  Individual Partner — Limited General Attorney in Fact Trustee Guardian or Conservator Other:  Signer Is Representing:	Signature of Notiary Public  IONAL  Signature of Notiary Public  law, it may prove valuable to persons relying on the document and realtachment of this form to another document.  OS PATENT  Number of Pages:

PATENT REEL: 043569 FRAME: 0862

State of California	ACKNOWLEDGMENT CIVIL COL
1 9.17	
County of SAN DIEGO	
On LARCH 25,701'3 before m	DEROPANT. SHAWAR NOTARY BUBLIC Here insert Name and Tile of the Officer W PAUL MURPHY Name(s) of Stigner(s)
Data	Hera Insert Name and Title of the Office
s personally appeared // \(\rightarrow\right	U PAUL MURPHY
	Name(s) of Signer(s)
County of SAN DIEGO  On LARLY 25, 2013 before management of the personally appeared DAIMHI  Place Notary Seul Above  Though the information below is not required and could prevent fraudulent remained could prevent fraudulent remained of the personal procument. Associated Document Title or Type of Document: Associated Signer(s) Other Than Named Above; Capacity(les) Claimed by Signer(s) Signer's Name:	
	who proved to me on the basis of satisfactor
	evidence to be the person(s) whose name(s) is/ar subscribed to the within instrument and acknowledge
*************	A A A ' TO MICH HE HEREN OVACUITAD IN
DEBORAH I. SHAW Commission # 1971	CITY CONTROL AUTHORIZED CADACIVERST and that is
Notary Public - Calife	prinia z person(s) or the antibo
San Diego Count	herean(a) set all which the
My Comm. Expires Mar	
en de la desta de la companya de la desta de la desta de la dela della della della della della della della del La della	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and certification.
<u>,                                    </u>	paragraph is true and correct.
	WITNESS my hand and official seal.
Place Notary Seal Above	Signature: Aut Min
Thouast New Co.	Signature of Novani Subtis
and could prevent frauduled to	
Description of Attached Document	anounes document.
Title or Type of Document: ASSIGNATION	LETUT OF PATERUT
Document Date:	
Signer(s) Other Than Named Above:	inumber of Pages:
Capacity(ies) Claimed by Signer(s)	
Signer's Name:	Slüner's Name
Corporate Officer — Title(s):	Corporate Officer — Timbles
Right T	UMBPRINT
Attorney in Foot	IGNER  IG
Trustee	Attorney in Fact
☐ Guardian of Conservator	□Trustee
Other:	☐ Guardian or Conservator
	□ Other:
Signer's Name:  Corporate Officer — Title(s):  Individual  Partner — Limited General  Attorney in Fact  Trustee  Guardian or Conservator  Other:  Signer Is Representing:	Charles

PATENT REEL: 087569 FRAME: 0866

RECORDED: 06/25/2018