	Pat 102200219 TENTS ONLY Docket:	5. Department of Commerce ent and Trademark Office PATENT T2211-906586
Submission Type 8/19102 C New 8/19102 [] Resubmission (Non-Recordation) [] Document ID# 101788227 [] Correction of PTO Error Reel # Frame # []	Conveyance Type Image: Assignment Security Agreem License Change of Name Merger Other U.S. Government	
Corrective Document Reel # Frame #	(For Use ONLY by U.S. Government Ag	^{encies)} Secret File
Conveying Party(ies)	Mark if additional names of conveying partie	
Name (line 1) Orica Australia Pty Ltd Name (line 2)		Month Day Year 03-19-2001 Execution Date Month Day Year
Receiving Party	Mark if additional names of re	ceiving parties attached
Name (line 1) PPG Industries Pty. Ltd. Name (line 2)		If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Address (line 3) New South Wales	USTRALIA	
City Domestic Representative Name and Add Name John C. Kerins	State/Country Zip Code ress Enter for the first Receiving Party	· · · · · · · · · · · · · · · · · · ·
Address (line 1) MILES & STOCKBRIDGE P.C.		
Address (line 2) 1751 Pinnacle Drive		
Address (line 3) Suite 500		
Address (line 4) McLean VA 22102-3833		
FO Public burden reporting for this collection of information is estimated to average and gathering the data needed to complete the Cover Sheet. Send commen		
Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of M		7), Washington, D.C. 20503. See OMB

|[°]**!** ■

Commissioner of Patents and Trademarks, Box Assignments, Washington PATENT

REEL: 013203 FRAME: 0651

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name an	Area Code and Telephone Num	703-610-8649
Name John C. Kerins		
ddress (line 1) MILES & STOCH	KBRIDGE P.C.	
ddress (line 2) 1751 Pinnacle Dri	.ve	
ddress (line 3) Suite 500		
ddress (line 4) McLean VA 2210	12-3833	
	I number of pages of the attached conveyance do v attachments.	ocument #
Application Number(s) o	r Patent Number(s)	Mark if additional numbers attached
	on Number or the Patent Number (DO NOT ENTER BOTH nu	
Patent Applicatio	n Number(s) 6287394	Patent Number(s)
08640860		
f this document is being filed toget	her with a new Patent Application, enter the date the patent a	application Month Day Year
Patent Cooperation Trea	ity (PCT)	
Enter PCT applicat		PCT
only if a U.S. Appli has not been assig		PCT
Number of Properties	Enter the total number of properties involved.	# 2
Fee Amount	Fee Amount for Properties Listed (37 CFR 3.4	1): \$
Method of Payment:	Enclosed Deposit Account	\$80.00 check submitted
Deposit Account	sit account or if additional fees can be charged to the	with filing on May 8, 2001
(Enter for payment by depo	Deposit Account Number:	# 501165
	Authorization to charge additional fee	es: Yes 🚺 No 🗌
Statement and Signature	6	
To the best of my kn	owledge and belief, the foregoing information is a	true and correct and any
attached copy is a tru	ue copy of the original document. Charges to de	posit account are authorized, as
indicated herein.	And C II	1 1/0 0-
	. 32,421 (Mult	AUSUST / T. LOOD
John C. Kerins, Reg. No.		Manager and the second prime of the second prime of the second se

PATENT - REEL: 013203 FRAME: 0652 ٦

		D
FORM PTO-1619A Expires 06/30/99 OMB 0651-0027		U.S. Department of Commerce Patent and Trademark Office PATENT
a 2001 - 55	101788227	
MAN 0 BECORD	ATION FORM COVER SH	EFT 5.801
TA TRANSPORT	PATENTS ONLY	Docket: T2211-906586
TO: The Commissioner of Patents and Trademark	cs: Please record the attached ori	ginal document(s) or copy(ies).
Submission Type	Conveyance Type	ecurity Agreement
Resubmission (Non-Recordation)		
Document ID#	License	hange of Name
Correction of PTO Error Reel # Frame #		
Corrective Document Reel # Frame #	(For Use ONLY by L	Government I.S. Government Agencies)
Conveying Party(ies)	Mark if additional names of	al File Secret File conveying parties attached Execution Date
Name (line 1) Orica Australia Pty Ltd.		Month Day Year 01 2001
Name (line 2)		
Second Party		Execution Date Month Day Year
Name (line 2)		
Receiving Party	Mark if addit	ional names of receiving parties attached
Name (line 1) PPG Industries Pty. Ltd.		If document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United States, an appointment of a domestic
Address (line 1) Level 33, Governor Philip Tower, 1 Fa	arrer Place, Sydney, New South Wale	s AU (Designation must be a
Address (line 2)		separate document from Assignment.)
Address (line 3) New South Wales	AUSTRALIA	
City Domestic Representative Name and A	State/Country	Zip Code
Name John C. Kerins	Enter for the firs	t Receiving Party only.
	· · · · · · · · · · · · · · · · · · ·	
Address (line 1) MILES & STOCKBRIDGE P.C.	······	
Address (line 2) 1751 Pinnacle Drive		
Address (line 3) Suite 500	······································	
Address (line 4) McLean VA 22102-3833		
	FOR OFFICE USE ONLY	
)		
·		
Public burden reporting for this collection of information is estimated to and gathering the data needed to complete the Cover Sheet. Send co Washington,	omments regarding this burden estimate to the L	I.S. Patent and Trademark Office, Chief Information Officer,
	ce of Management and Budget, Paperwork Redu corded with required cover sheet(Trademarks, Box Assignments, V	s) information to:

REEL: 013203 FRAME: 0653

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and Address	Area Code and Telephone Number	703-610-8649	
Name John C. Kerins			
Address (line 1) MILES & STOCKBRIDGE P.C.			
Address (line 2) 1751 Pinnacle Drive			
Address (line 3) Suite 500			
Address (line 4) McLean VA 22102-3833			
Pages Enter the total number of page including any attachments.	es of the attached conveyance docume	# <u>5</u>	
Application Number(s) or Patent Num		dditional numbers attached	
Enter either the Patent Application Number or the P Patent Application Number(s)		or the same property). Number(s)	
09413343			
If this document is being filed together with a new Pate	nt Application, enter the date the patent applicat	ion <u>Month Day Year</u>	
was			
Patent Cooperation Treaty (PCT)	PCT	РСТ	
Enter PCT application number only if a U.S. Application Number has not been assigned.	PCT PCT	PCT	
Number of Properties Enter the total	number of properties involved. #	2	
Fee Amount Fee Amount	for Properties Listed (37 CFR 3.41): \$	80.00	
Method of Payment: Enclos Deposit Account			
(Enter for payment by deposit account or if add [litional fees can be charged to the Deposit Account Number: #	501165	
	Authorization to charge additional fees:	Yes 🖌 No	
Statement and Signature			
	lief, the foregoing information is true al original document. Charges to deposit	account are authorized, as	
John C. Kerins, Reg. No. 32,421	your	May 8, 2001	
Name of Person Signing	l Signature	Date	

£

81 🔳

Orica Australia Pty Ltd and BHP Steel (JLA) Pty Ltd and PPG Industries Australia Pty Ltd

McMaster Oberin Arthur Robinson & Hedderwicks Stock Exchange Centre 530 Collins Street Melbourne 3000 Australia Tel 61 3 9614 1011 Fax 61 3 9614 8779 61 3 9613 4661

sujm M0110763479v1 112006 :SUJ:WMM

© Copyright McMaster Oberin Arthur Robinson & Hedderwicks 2000

PATENT REEL: 013203 FRAME: 0655

T I

*

177

McMaster Oberin Arthur Robinson & Hedderwicks

Date	January 2001
Parties	
1.	ORICA AUSTRALIA PTY LTD (ACN 004 117 828) of 1 Nicholson Street, Melbourne, Victoria, Australia (<i>Orica</i>);
2.	BHP STEEL (JLA) PTY LTD (ACN 000 011 058) of (<i>BHP</i>) of Level 23, 1 York Street, Sydney, New South Wales, Australia; and
3.	PPG INDUSTRIES PTY LTD (ACN 055 500 939) of Level 33, Governor Philip Tower, 1 Farrer Place, Sydney, New South Wales Australia (<i>PPG</i>)
Recitals	
А	Orica (formerly ICI Australia Operations Pty Ltd) is a co-applicant of US patent application no 09/413343 (<i>Patent</i>).
В	Orica has assigned to PPG all of its right, title and interest in and to the parent application no 08/640,860 and intended that this would extend to any subsequent patent applications.
С	BHP has consented to the assignment of Orica's right, title and interest in and to the Patent to PPG.
D	This agreement confirms that Orica has assigned its right, title and interest in and to the Patent to PPG and that BHP consented to the assignment.

It is agreed as follows.

1. Grant

1.1 Orica hereby confirms that it was the intention of the parties that all right,
 title and interest in and to the Patent and any applications for patents or
 other intellectual property rights arising therefrom would reside in the PPG.
 To the extent that the PPG does not own the legal title to all right, title and

.

- -

sujm M0110763479v1 112006 6.09.2000

Page 2

PATENT REEL: 013203 FRAME: 0656

į,

Ass	ian	me	nt D	eed	
100	"S"			u u	

interest in and to the invention or the applications for patents and other intellectual property rights arising therefrom, Orica hereby assigns, transfers and sets over to PPG all of the Orica's right, title and interest in and to the Patent and all applications for patents and other intellectual property rights arising therefrom that may be made therefrom in respect of all countries around the world.

1.2 Orica agrees and undertakes to PPG that Orica will execute all such documents and do all such things as may be necessary, proper or desirable to enable PPG to become registered as the proprietor of the rights in the Invention.

2. Consent

2.1 BHP hereby confirms its consent to the assignment of Orica's right, title and interest in and to the Patent and all applications for patents and other intellectual property rights arising therefrom that may be made therefrom in respect of all countries around the world to PPG.

3. General

- 3.1 This deed shall be governed by and interpreted in accordance with the laws of Victoria, Australia and the parties hereto submit to the jurisdiction of the Courts of Victoria, Australia.
- 3.2 This deed shall be binding upon and enure to the benefit of the parties hereto and their permitted assigns and successors.
- 3.3 Neither this deed nor any provision hereof may be changed, modified, waived, discharged or terminated orally, but only by an instrument in writing executed by the parties hereto.

sujm M0110763479v1 112006 6.09.2000

Page 3

PATENT REEL: 013203 FRAME: 0657

auche ---

P. C. WEICHARDS

EXECUTED by the parties as a deed:

THE COMMON SEAL of ORICA AUSTRALIA PTY LTD

was affixed to this document in the presence of:

Secretary/Director

Director

NUST

E. ANN HULL

Name (please print)

THE COMMON SEAL of PPG INDUSTRIES PTY LTD

was affixed to this document

in the presence of:

ueeee

Secretary/Director

JOSEPH G. PINITO

Name (please print)



Director

Consis E. Moina

Name (please print)

sujm M0110763479v1 112006 6.09.2000

Page 4

THE COMMON SEAL of BHP STEEL (JLA) PTY LTD

was affixed to this document

in the presence of:

1.

Secretary/Director

AANE T. GRIEGE

Name (please print)

McMaster Oberin Arthur Hobinson & HedderAdcks The Common 4HP C Seal 7. C.M. 000 01 **O**f Ŕ atters 0 Q

Director

COLIN WEATHERSTONE.

Name (please print)

Page 5

Orica Australia Pty Ltd

and

BHP Steel (JLA) Pty Ltd

and

PPG Industries Australia Pty Ltd

McMaster Oberin Arthur Robinson & Hedderwicks

 Stock Exchange Centre

 530 Collins Street

 Melbourne 3000 Australia

 Tel
 61 3 9614 1011

 Fax
 61 3 9614 8779

 61 3 9613 4661

sujm M0110763479v1 112006 :SUJ:WMM

© Copyright McMaster Oberin Arthur Robinson & Hedderwicks 2000

Date	January 2001
Parties	
1.	ORICA AUSTRALIA PTY LTD (ACN 004 117 828) of 1 Nicholson Street, Melbourne, Victoria, Australia (<i>Orica</i>);
2.	BHP STEEL (JLA) PTY LTD (ACN 000 011 058) of (<i>BHP</i>) of Level 23, 1 York Street, Sydney, New South Wales, Australia; and
3.	PPG INDUSTRIES PTY LTD (ACN 055 500 939) of Level 33, Governor Philip Tower, 1 Farrer Place, Sydney, New South Wales Australia (<i>PPG</i>)
Recitals	
А	Orica (formerly ICI Australia Operations Pty Ltd) is a co-applicant of US patent application no 09/413343 (<i>Patent</i>).
В	Orica has assigned to PPG all of its right, title and interest in and to the parent application no 08/640,860 and intended that this would extend to any subsequent patent applications.
С	BHP has consented to the assignment of Orica's right, title and interest in and to the Patent to PPG.
D	This agreement confirms that Orica has assigned its right, title and interest in and to the Patent to PPG and that BHP consented to the assignment.

It is agreed as follows.

1. Grant

1.1 Orica hereby confirms that it was the intention of the parties that all right, title and interest in and to the Patent and any applications for patents or other intellectual property rights arising therefrom would reside in the PPG. To the extent that the PPG does not own the legal title to all right, title and

suim M0110763479v1 112006 6.09.2000

Page 2

interest in and to the invention or the applications for patents and other intellectual property rights arising therefrom, Orica hereby assigns, transfers and sets over to PPG all of the Orica's right, title and interest in and to the Patent and all applications for patents and other intellectual property rights arising therefrom that may be made therefrom in respect of all countries around the world.

1.2 Orica agrees and undertakes to PPG that Orica will execute all such documents and do all such things as may be necessary, proper or desirable to enable PPG to become registered as the proprietor of the rights in the Invention.

2. Consent

2.1 BHP hereby confirms its consent to the assignment of Orica's right, title and interest in and to the Patent and all applications for patents and other intellectual property rights arising therefrom that may be made therefrom in respect of all countries around the world to PPG.

3. General

- 3.1 This deed shall be governed by and interpreted in accordance with the laws of Victoria, Australia and the parties hereto submit to the jurisdiction of the Courts of Victoria, Australia.
- 3.2 This deed shall be binding upon and enure to the benefit of the parties hereto and their permitted assigns and successors.
- 3.3 Neither this deed nor any provision hereof may be changed, modified, waived, discharged or terminated orally, but only by an instrument in writing executed by the parties hereto.

Page 3 PATENT REEL: 013203 FRAME: 0662

Assignment Deed	McMaster Oberin Arthur Robinson & Hedderwicks

' Ĉ 14-1 ž

EXECUTED by the parties as a deed:

THE COMMON SEAL of ORICA AUSTRALIA PTY LTD

was affixed to this document in the presence of:

Secretary/Director

Director

AUSTA

E. ANN HULL

Name (please print)

THE COMMON SEAL of PPG INDUSTRIES PTY LTD

was affixed to this document

in the presence of:

Hali

Secretary/Director

JOSEPH G. PINTO

Name (please print)

Name (please print)

Melan

Director

KONALD E. MOLNAR

Name (please print)

acade or

P. L. WEICHARDT

THE COMMON SEAL of BHP STEEL (JLA) PTY LTD

was affixed to this document

in the presence of:

Secretary/Director

McMaster Oberin Arthur Robinson & Hedderwicks The Common Seal OfM. 000 01

Director

AANE T. GRIEGE

Name (please print)

COLIN WEATHERSTONE.

Name (please print)

Page 5 PATENT REEL: 013203 FRAME: 0664

RECORDED: 08/19/2002