

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Wei-Ming SIM</td> <td>07/27/2012</td> </tr> <tr> <td>Oluwamayokun ADETORO</td> <td>07/27/2012</td> </tr> <tr> <td>Pihua WEN</td> <td>07/18/2012</td> </tr> </tbody> </table>	Name	Execution Date	Wei-Ming SIM	07/27/2012	Oluwamayokun ADETORO	07/27/2012	Pihua WEN	07/18/2012	
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Wei-Ming SIM	07/27/2012								
Oluwamayokun ADETORO	07/27/2012								
Pihua WEN	07/18/2012								
RECEIVING PARTY DATA									
Name:	AIRBUS OPERATIONS LIMITED								
Street Address:	New Filton House, Filton								
City:	Bristol								
State/Country:	UNITED KINGDOM								
Postal Code:	BS99 7AR								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13567435</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	13567435					
Property Type	Number								
Application Number:	13567435								
CORRESPONDENCE DATA									
Fax Number:	7038164100								
Phone:	703-816-4000								
Email:	jam@nixonvan.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	NIXON & VANDERHYE, PC								
Address Line 1:	901 NORTH GLEBE ROAD, 11TH FLOOR								
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ATTORNEY DOCKET NUMBER:	SCS-5065-155								
NAME OF SUBMITTER:	Stanley C. Spooner								
Total Attachments: 2 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif									

OP \$40.00 13567435

ASSIGNMENT OF PATENT APPLICATION

(Inventors) Wei-Ming SIM
Oluwamayokun ADETORO
Pihua WEN

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) AIRBUS OPERATIONS LIMITED
(Address) of NEW FILTON HOUSE, FILTON, BRISTOL BS99 7AR

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of
(Other in the invention, and all application(s) for patent and any Letters Patent which may
Countries) be granted therefor, known as

(Title) A METHOD OF MANUFACTURING AN ELONGATE COMPONENT (Case No. 06882)
for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on or has already filed in
U.S. appln. Serial No. , filed on
The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.


The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s)

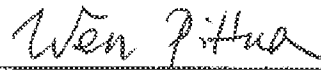
Date 27/7/2012 Signature of inventor


Wei-Ming Sim

Date 27/09/2012 Signature of inventor


Oluwamayokun Adetoro

Date 18/07/2012 Signature of inventor


Pihua Wen