

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Andrew Beehag</td> <td>09/21/2006</td> </tr> <tr> <td>Ken Horton</td> <td>09/22/2006</td> </tr> <tr> <td>Bruce Cartwright</td> <td>09/22/2006</td> </tr> </tbody> </table>		Name	Execution Date	Andrew Beehag	09/21/2006	Ken Horton	09/22/2006	Bruce Cartwright	09/22/2006
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Andrew Beehag	09/21/2006								
Ken Horton	09/22/2006								
Bruce Cartwright	09/22/2006								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Advanced Composite Structures Limited								
<b>Street Address:</b>	506 Lorimer Street								
<b>City:</b>	Fishermans Bend, Victoria								
<b>State/Country:</b>	AUSTRALIA								
<b>Postal Code:</b>	3207								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11534397</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11534397				
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Application Number:	11534397								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(919)862-2260								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	9198622287								
<b>Email:</b>	tracey.wright@alston.com								
<b>Correspondent Name:</b>	Kevin R. Lyn								
<b>Address Line 1:</b>	3201 Beechleaf Court, Suite 600								
<b>Address Line 4:</b>	Raleigh, NORTH CAROLINA 27695-8210								
<b>ATTORNEY DOCKET NUMBER:</b>	052208/317303								
<b>NAME OF SUBMITTER:</b>	Kevin R. Lyn								
<b>Total Attachments: 4</b> source=317303Assignment#page1.tif source=317303Assignment#page2.tif									

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**ASSIGNMENT OF PATENT APPLICATION  
NON - U.S. APPLICANT**

WHEREAS, THE UNDERSIGNED INVENTOR(S), (hereinafter singly and collectively, "ASSIGNOR") of the address(es) indicated below, has/have invented the Invention described in an application entitled:

**METHOD AND APPARATUS FOR WELDING OF  
POLYMER COMPOSITE COMPONENTS**

for Letters Patent of the United States which:

has been executed on even date herewith;

was filed as U.S. Serial No. 11/534,397 filed on September 22, 2006

AND WHEREAS

**Advanced Composite Structures Limited**

which is a:

- corporation
- company, other than a corporation
- partnership
- sole proprietor/individual
- university

having a principal place of business (address of Assignee) at:

506 Lorimer Street, Fishermans Bend, Victoria 3207, Australia

(hereinafter "ASSIGNEE"), is desirous of acquiring an Interest therein;

NOW, THEREFORE for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the aforesaid patent application, and the Invention as described In the aforesaid application, in the United States, together with any divisions, continuations, continuations-In-part, reissues, or re-examinations thereof, and hereby authorise(s) and request(s) the Commissioner of Patents to issue Letters Patent issuing therefrom to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives;

ASSIGNOR also hereby sells and assigns to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models, designs and equivalents for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary

notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

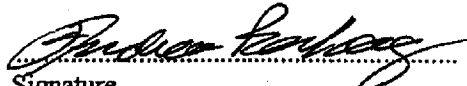
ASSIGNOR further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR hereby further agrees to communicate with said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

ASSIGNOR hereby authorize and request our attorney, Alston & Bird, of Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000, or its agents, the power to insert on this assignment further identification, including but not limited to application number(s) and filing dates, when known, which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trade Mark Office for the purposes of recording this document.

EXECUTED as of the date(s) written below by ASSIGNOR:

Date: 25/9/06

  
Signature

Hongyuan Liu  
Witness Signature

HONG YUAN LIU  
Witness Name

Inventor's name: Andrew Beehag  
Inventor's address: 2B York Street, Glebe, New South Wales 2037, Australia

Date: 22nd September 2006

*[Handwritten Signature]*  
Signature

*[Handwritten Signature]*  
Witness Signature

*ROSEANNA DEL VILLAR*  
Witness Name

Inventor's name: Ken Horton  
Inventor's address: 9 Gerda Road, MacMasters Beach, New South Wales 2251, Australia

Date: .....

.....  
Signature

.....  
Witness Signature

.....  
Witness Name

Inventor's name: Bruce Cartwright  
Inventor's address: PO Box 947, Nightcliff, Northern Territory 0814, Australia

*[Handwritten Initials]*

Date: .....

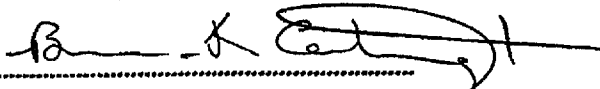
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Signature

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Inventor's name: Ken Horton  
Inventor's address: 9 Gerda Road, MacMasters Beach, New South Wales 2251, Australia

Date: 22 Sept 2006 .....

  
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Signature

  
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Witness Name

Inventor's name: Bruce Cartwright  
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