

## PATENT ASSIGNMENT

Electronic Version v1.1

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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>Jorge F. Dos Santos</td><td>09/30/2006</td></tr><tr><td>Arne Roos</td><td>09/30/2006</td></tr></tbody></table>	Name	Execution Date	Jorge F. Dos Santos	09/30/2006	Arne Roos	09/30/2006	
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Jorge F. Dos Santos	09/30/2006						
Arne Roos	09/30/2006						
RECEIVING PARTY DATA							
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City:	Geesthacht						
State/Country:	GERMANY						
Postal Code:	21502						
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>11527030</td></tr></tbody></table>	Property Type	Number	Application Number:	11527030			
Property Type	Number						
Application Number:	11527030						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	30572/42337						
NAME OF SUBMITTER:	Delaunda N. Collier						
Total Attachments: 3 source=30572-42337 Assignment#page1.tif source=30572-42337 Assignment#page2.tif							

CH \$40.00 11527030

PATENT

REEL: 018551 FRAME: 0643

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# ASSIGNMENT

Serial No: 11/527,030

Filed: September 26, 2006

Title: METHOD AND APPARATUS OF PRODUCING A WELDED CONNECTION BETWEEN THE SURFACES OF TWO PLANAR WORKPIECES

For \$10.00 (Ten Dollars) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to GKSS-FORSCHUNGSZENTRUM GEESTHACHT GMBH, Max-Lanck-Strasse, 21502 Geesthacht, GERMANY (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for letters patent of the United States, executed by the undersigned on, Sept. 30, 2006 and in said application and any and all other applications, both in the United States and in other countries, which the undersigned may file or be named as an inventor, either solely or jointly with others, on said invention or improvements, and in any and all letters patent of the United States and other countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner for Patents to issue said letters patent to said Assignee.

The undersigned hereby authorize and request that the attorneys of record in said application insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned except in favor of Assignee.

For said consideration the undersigned hereby agree, upon the request and at the expense of said Assignee, its successors and assigns, to execute any and all applications on said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any letters patent that may be granted upon any and all of said applications, and any and all applications and other documents for letters patent in other countries on said invention or improvements, that said Assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said Assignee, its successors or assigns, in the event of any application or letters patent assigned herein becoming involved in Interference or Opposition, to cooperate to the best of the ability of the undersigned with said Assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said letters patent, both in the United States and in other countries, and vest all rights therein hereby conveyed in said Assignee, its successors and assigns, whereby said letters patent will be held and enjoyed by said Assignee, its successors and assigns, 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 and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS our hands this 30 day of September, 2006.

1)

Jorge F. Dos Santos  
Name: Jorge F. Dos Santos

Witnesses:

Antes A/S

2)

Arne Roos  
Name: Arne Roos

Antes A/S