

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Paul S. Manicke</td><td>07/13/2007</td></tr><tr><td>Earl Claude Helder</td><td>10/27/2007</td></tr></tbody></table>	Name	Execution Date	Paul S. Manicke	07/13/2007	Earl Claude Helder	10/27/2007	
Name	Execution Date						
Paul S. Manicke	07/13/2007						
Earl Claude Helder	10/27/2007						
RECEIVING PARTY DATA							
Name:	General Electric Company						
Street Address:	1 River Road						
City:	Schenectady						
State/Country:	NEW YORK						
Postal Code:	12345						
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>11618246</td></tr></tbody></table>	Property Type	Number	Application Number:	11618246			
Property Type	Number						
Application Number:	11618246						
CORRESPONDENCE DATA							
Fax Number:	(704)375-0729						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	704-375-9249						
Email:	krp@adamspat.com						
Correspondent Name:	Adams Evans P.A.						
Address Line 1:	201 South College Street						
Address Line 2:	Suite 2350 Charlotte Plaza						
Address Line 4:	Charlotte, NORTH CAROLINA 28244						
ATTORNEY DOCKET NUMBER:	3163/83US						
NAME OF SUBMITTER:	Christopher C. Dremann						
Total Attachments: 2 source=316383assign#page1.tif source=316383assign#page2.tif							

CH \$40.00 11618246

PATENT

500385277

REEL: 020025 FRAME: 0980

ASSIGNMENT

ATTORNEY DOCKET NO. 130709

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which we acknowledge receipt, we

Paul S. Manicke
Earl Claude Helder

of West Chester, Ohio
of Cincinnati, Ohio

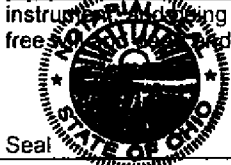
respectively, hereby sell and assign to General Electric Company, a New York corporation having an address at 1 River Road, Schenectady, New York 12345, USA, (hereinafter referred to as "Company"), its successors and assigns, our entire respective rights, titles and interests in and to the invention and improvements invented and originated by us and described in the application for United States Patent currently entitled **FRICTION STIR WELDING OF METAL MATRIX COMPOSITES, Serial No. 11/618,246, filed on December 29, 2006** and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Date: 7-13-07

Paul S. Manicke
Name: Paul S. Manicke

State of OHIO
County of HAMILTON, ss.

On this 13 day of July 2007, before me, County aforesaid, personally appeared Paul S. Manicke known to me to be the individual(s) named in, and who executed, the foregoing instrument, and being first duly sworn, did acknowledge that the so-named individual(s) executed the same as his/her/their free will and deed and as for the purposes therein set forth.



Coleen Grebe
Notary Public, State of Ohio
My Commission Expires 12-21-2011

Coleen Grebe
Notary Public

Date: _____

Earl Claude Helder
Name: Earl Claude Helder

State of _____
County of _____, ss.

On this ____ day of _____, before me, County aforesaid, personally appeared _____ known to me to be the individual(s) named in, and who executed, the foregoing instrument, and being first duly sworn, did acknowledge that the so-named individual(s) executed the same as his/her/their free will and deed and as for the purposes therein set forth.

Seal

Notary Public

ASSIGNMENT

ATTORNEY DOCKET NO. 130709

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which we acknowledge receipt, we

Paul S. Manicke
Earl Claude Helder

of West Chester, Ohio
of Cincinnati, Ohio

respectively, hereby sell and assign to General Electric Company, a New York corporation having an address at 1 River Road, Schenectady, New York 12345, USA, (hereinafter referred to as "Company"), its successors and assigns, our entire respective rights, titles and interests in and to the invention and improvements invented and originated by us and described in the application for United States Patent currently entitled **FRICTION STIR WELDING OF METAL MATRIX COMPOSITES**, Serial No. 11/618,246, filed on December 29, 2006 and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Date: _____

Name: Paul S. Manicke

State of _____
County of _____, ss.

On this ____ day of _____, before me, County aforesaid, personally appeared _____ known to me to be the individual(s) named in, and who executed, the foregoing instrument, and being first duly sworn, did acknowledge that the so-named individual(s) executed the same as his/her/their free will and deed and as for the purposes therein set forth.

Seal

Notary Public

Date: Oct. 27, 2007

Name: Earl Claude Helder

State of Ohio
County of Franklin, ss.

On this 27 day of October, before me, County aforesaid, personally appeared Earl Helder known to me to be the individual(s) named in, and who executed, the foregoing instrument, and being first duly sworn, did acknowledge that the so-named individual(s) executed the same as his/her/their free will and deed and as for the purposes therein set forth.

Seal

Notary Public



JENNIFER HERR
Notary Public, State of Ohio
My Commission Expires April 18, 2011

PATENT

RECORDED: 10/29/2007

REEL: 020025 FRAME: 0982