

08-02-2004

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102803358

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Andrew Philip WOODFIELD  
Clifford Earl SHAMBLEN  
Eric Allen OTT  
Michael Francis Xavier GIGLIOTTI

7.22.04

2. Name and address of receiving party(ies)

Name: General Electric Company

Internal Address:

Additional name of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 05/17/2004 and 07/21/2004

Street Address: One River Road

City: Schenectady State: NY Zip: 12345

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

10896702

If this document is being filed together with a new application, the execution date of the application is: July 22, 2004

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: K. Scott O'Brian

Internal Address: McNees Wallace & Nurick LLC

Street Address: 100 Pine Street, P.O. Box 1166

City: Harrisburg State: PA Zip: 17108-1166

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) . . . . . \$ 40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number:

50-1059

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

K. Scott O'Brian

Name of Person Signing

Signature

July 22, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

07/30/2004 LNWELLER 00000079 501059 10896702

01/FC:8021

40.00 DA

PATENT  
REEL: 015616 FRAME: 0319

**JOINT ASSIGNMENT OF APPLICATION**

Whereas, We, Andrew Philip WOODFIELD, Clifford Earl SHAMBLEN, and Eric Allen OTT, hereafter referred to as “applicants” or “assignors”, who reside at the corresponding addresses provided below, have invented certain new and useful improvements in a METHOD FOR PRODUCING A METALLIC ARTICLE HAVING A GRADED COMPOSITION, WITHOUT MELTING

☒ [X] for which an application for a United States Patent will be subsequently filed. We hereby authorize and request an attorney having the power of attorney to prosecute the application from McNees Wallace & Nurick LLC of 100 Pine Street, P.O. Box 1166, Harrisburg, PA 17108 to insert here in parenthesis (Application number \_\_\_\_\_, filed July 22, 2004 ) the filing date and application number of the application when known.

☐ [ ] for which an application for a United States Patent was filed on \_\_\_\_\_.

and

Whereas, **General Electric Company**, whose post office address is **One River Road, Schenectady, NY 12345**, is desirous of acquiring the entire right, title and interest in the same.

Now, therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledged and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We as assignors have sold, assigned, transferred, and set over, and hereby sell, assign, transfer and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this assignment;

AND, We hereby covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, We hereby further covenant and agree that We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce Letters Patent for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

We hereby declare that all statements made herein and on the accompanying Assignment Recordal Letter of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

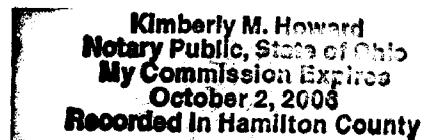
IN WITNESS WHEREOF and INTENDING TO BE LEGALLY BOUND, we hereunto set our hands having read and understood this Assignment.

County of Hamilton )  
 )  
 )  
State of Ohio )

SS. Andrew Philip WOODFIELD  
6245 Cherokee Drive  
Cincinnati, OH 45243

By: Andrew Philip Woodfield  
Date: 5/17/04

Subscribed and Sworn to me this 17<sup>th</sup> day of May, 2004.  
Kimberly M. Howard, Notary Public



County of Hamilton )  
 )  
 )  
State of Ohio )

Clifford Earl SHAMBLEN  
SS. ~~9656 Lansford Drive~~ 5092 Brasher Avenue <sup>CES</sup> 5/17/04  
Cincinnati, OH 45242

By: Clifford Earl Shamblen  
Date: 5/17/04

Subscribed and Sworn to me this 17<sup>th</sup> day of May, 2004.  
Kimberly M. Howard, Notary Public

Kimberly M. Howard  
Notary Public, State of Ohio  
My Commission Expires  
October 2, 2006  
Recorded in Hamilton County

County of Hamilton )  
 )  
 )  
State of Ohio )

Eric Allen OTT  
SS. 9885 Meadow Hills Drive  
Cincinnati, OH 45241

By: Eric Allen Ott  
Date: 5/17/04

Subscribed and Sworn to me this 17<sup>th</sup> day of May, 2004.  
Kimberly M. Howard, Notary Public

Kimberly M. Howard  
Notary Public, State of Ohio  
My Commission Expires  
October 2, 2006  
Recorded in Hamilton County

**ASSIGNMENT OF APPLICATION**

Whereas I, Michael Francis Xavier Gigliotti, co-inventor with Andrew Philip Woodfield, Clifford Earl Shamblen, and Eric Allen Ott, hereafter referred to collectively as applicants, who resides at the corresponding address listed below, have invented certain new and useful improvements in a METHOD FOR PREPARING ALUMINUM-BASE METALLIC ALLOY ARTICLES WITHOUT MELTING.

☒ for which an application for a United States Patent will be subsequently filed. I hereby authorize and request an attorney having the power of attorney to prosecute the application from McNees Wallace & Nurick LLC of 100 Pine Street, P.O. Box 1166, Harrisburg, PA 17108 to insert here in parenthesis (Application number \_\_\_\_\_, filed July 22, 2004 ) the filing date and application number of the application when known.

☐ for which an application for a United States Patent was filed on \_\_\_\_\_, Application Number \_\_\_\_\_.

and

Whereas, General Electric Company, whose post office address is One River Road, Schenectady, New York 12345, hereinafter referred to as "Assignee", is desirous of acquiring the entire right, title and interest in the same.

Now, therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledged and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I as assignor have sold, assigned, transferred, and set over, and hereby sell, assign, transfer and set over unto the assignee, its lawful successors and assigns, my entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications

as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this assignment;

AND, I hereby covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I hereby further covenant and agree that I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce Letters Patent for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

I hereby declare that all statements made herein and on the accompanying Assignment Recordal Letter of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

IN WITNESS WHEREOF and INTENDING TO BE LEGALLY BOUND, I hereunto set my hands having read and understood this Assignment.

County of Schenectady  
State of New York

) Michael Francis Xavier GIGLIOTTI  
) SS. 41 Kite Drive  
) Glenville, NY 12302

By: [Signature]  
Date: 21 July 2004

Subscribed and Sworn to me this 21<sup>st</sup> day of July, 2004.

[Signature], Notary Public.

STEPHANIE R. ROSS  
Notary Public, State of New York  
Residing in Albany County  
My Commission Expires 2/31/05

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