Form PTO-1595 (Rev. 10/02) RECORI UO - !	9 - 2003 U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
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	477906
To the Honorable Commissioner of Patents and Trademarks:	Please Record the attached original documents or copy thereof.
1. Name of conveying party(ies): Clifford Earl Shamblem	Name and address of receiving party(ies)
Andrew Philip Woodfield Eric Allen Ott	Name: General Electric Company
Michael Francis Xavier Gigliotti	Internal Address:
Additional name of conveying party(ies) attached? ☐ Yes ☒ No	
3. Nature of conveyance:	Street Address: One River Road
	One Kiver Koau
☐ Security Agreement ☐ Change of Name	City: Schenectady State: NY Zip: 12345
Other	
Execution Date: <u>06/10/2003 and 06/11/2003</u>	Additional Name(s) & address(es) attached? ☐ Yes ☒ No
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers att	ached? ☐ Yes ⊠ No
Additional numbers att 5. Name and address of party to whom correspondence concerning this document should be mailed:	
Additional numbers att 5. Name and address of party to whom correspondence concerning this document should be mailed:	ached? ☐ Yes ⊠ No
Additional numbers atto 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Kurt L. Ehresman	ached? Yes No 6. Total number of applications and patents involved: 1
Additional numbers att. 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Kurt L. Ehresman	ached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40
Additional numbers attoo. Name and address of party to whom correspondence concerning this document should be mailed: Name: Kurt L. Ehresman Internal Address: McNees Wallace & Nurick LLC	ached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40 □ Enclosed
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Additional numbers att 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Kurt L. Ehresman Internal Address: McNees Wallace & Nurick LLC Street Address: 100 Pine Street P.O. Box 1166	ached? ☐ Yes ☒ No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40 ☐ Enclosed ☒ Authorized to be charged to deposit account 8. Deposit account number:
Additional numbers att 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Kurt L. Ehresman Internal Address: McNees Wallace & Nurick LLC Street Address: 100 Pine Street P.O. Box 1166 City: Harrisburg State: PA Zip: 17108-1166	ached? ☐ Yes ☒ No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40 ☐ Enclosed ☒ Authorized to be charged to deposit account 8. Deposit account number: 50-1059
Additional numbers att 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Kurt L. Ehresman Internal Address: McNees Wallace & Nurick LLC Street Address: 100 Pine Street P.O. Box 1166 City: Harrisburg State: PA Zip: 17108-1166 DO NOT USE	ached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40 □ 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)
Additional numbers att 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Kurt L. Ehresman Internal Address: McNees Wallace & Nurick LLC Street Address: 100 Pine Street P.O. Box 1166 City: Harrisburg State: PA Zip: 17108-1166 DO NOT USE	ached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40
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Additional numbers att 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Kurt L. Ehresman Internal Address: McNees Wallace & Nurick LLC Street Address: 100 Pine Street P.O. Box 1166 City: Harrisburg State: PA Zip: 17108-1166 DO NOT USE 9. Statement and signature. To the best of my knowledge and belief, the foregoing informis a true copy of the original document. Kurt L. Ehresman Name of Person Signing	ached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40

PATENT

REEL: 014175 FRAME: 0250

ASSIGNMENT OF APPLICATION

Whereas we, Clifford Earl Shamblen, Andrew Philip Woodfield, and Eric Allen Ott, respectively, hereafter referred to as applicants, who reside at 9656 Lansford Drive, Cincinnati, OH 45242, 6245 Cherokee Drive, Cincinnati, OH 45243, and 9885 Meadow Hills Drive, Cincinnati, OH 45241, have invented certain new and useful improvements in a METHOD FOR PREPARING ALUMINUM-BASE METALLIC ALLOY ARTICLES WITHOUT MELTING.

en Date

and

Whereas, General Electric Company, whose post office address is One River Road,
Schenectady, NY 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

- 1 -

Docket Number 129663 (21635-0062)

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.

Executed this 10^{40} day of	100 . 2003, at GFAE
Enough this and or	
	Elford Earl Grembler
	Clifford Earl Shamblen
County of <u>Hamilton</u>)	Clifford Earl SHAMBLEN 9656 Lansford Drive Cincinnet OH 45242
State of (Mile)	Cincinnati OH 45242
	By: CLIFFORD EARL SHAMBLEN Date: 6/10/03
Subscribed and Sworn to me this 10th day	y of <u>June</u> , 2003.
Kimberly M. Howard, N	otary Public. Notary Public, State of Ohio My Commission Expires October 2, 2006 Recorded in Hamilton County

	Andrew Philip Woodfield
	Andrew Philip Woodfield
County of Hamilton) Andrew Philip WOODFIELD) SS. 6245 CHEROKEE DRIVE
State of Ohio) SS. 6245 CHEROKEE DRIVE) CINCINNATI, OH 45243
	By: ANDREW PHILIP WOODFIELD Date: 6/10/03
Subscribed and Sworn to me this	10^{+n} day of $100c$, 2003.
Kimberly M. Howard	Notary Public. Kimberly M. Howard Notary Public, State of Ohio My Commission Expires October 2, 2006
	Recorded in Hamilton County Leric Allen Ott
County of Hamilton State of Ohio) Eric Allen OTT) SS. 9885 Merdow Hills Dr. Cinciansti OH 45241
	By: <u>Eric Allen Ott</u> Date: <u>6/10/03</u>
Subscribed and Sworn to me this	10^{fn} day of $June$, 2003.
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 Eric Allen Ott, Andrew Philip Woodfield, and Clifford Earl Shamblen, hereafter referred to collectively as applicants, who resides at 41 Kile Drive, Glenville, NY 12302, have invented certain new and useful improvements in a METHOD FOR PREPARING ALUMINUM-BASE METALLIC ALLOY ARTICLES WITHOUT MELTING.

[X]	for which an application for a United States Patent was filed on Even Date Herewith, Application Number (Unassigned);
[]	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

- 1 -

Docket Number 129663 (21635-0062)

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.

Executed this 11 day of 10	2003, at
Sevene cruly	, new york
	Michael Francis Xavier Gigliotti
County of Senere et ady)	Michael Francis Xavier GIGLIOTTI
County of <u>Senere tady</u>) State of California New York) SS.	
	By: Michael Francis Kavier Gigliottri Date: 11 June 2003
Subscribed and Sworn to me this 11 day	of <u>Gunl</u> , 2003.
Lathyl Pulls, No	otary Public.
KATHY L. PARKS Notary Public in the State of New York Residing in Schenectady County Residing Expires December 91, 200	D:C

- 2 -

RECORDED: 06/12/2003