RM PTO-1595 (Modified)	12-29-200	<u>ل</u> م <u>ال</u>	ocket No.:			MERCE	
v. (73-01) B No. 0651-(1027 (exp.5/31/2002) A/REV03		Patent and Trade					
ab settings 🔶 🌩 🔶 🔍 🔍	103145776 nd Trademark Office: Pleas			▼	,	▼	
To the Director of the United States Patent a	nd Trademark Office: Pleas	.ie atta	ched origina	al documents o	r copy th	ereof.	
Name of conveying party(ies): Grigorii Lev Soloveichik	2. Nam	e and address o	-		L C	914 14	
Ji-Cheng Zhao	Name:	General Electr	•	y			
	Addres	s: <u>1 River Roa</u>	d				
Additional names(s) of conveying party(ies)] Yes 🛛 No					-	
Nature of conveyance:		·····					
🛛 Assignment 🛛 Merg	jer						
Security Agreement Char	nge of Name City: S	Schenectady	State/	Prov.: <u>NY</u>			
Other	Country	y: <u>USA</u>		ZIP: <u>1234</u>	5	· ·	
Execution Date: <u>12/15/2005</u>	Additiona	al name(s) & addres	s(es)	🗆 Yes	🛛 No)	
this document is being filed together with a ne Patent Application No. Filing date 2/28/2005 DBYRNE 00000264 070868 11305914	ew application, the exect	ution date of the B. Patent No.(n is: <u>12/15/</u>	2005		
Patent Application No. Filing date 2/28/2005 DBYRNE 00000264 070868 11305914 1 FC:8021 40.00 DA	ew application, the exect			n is: <u>12/15/</u>	2005		
Patent Application No. Filing date 2/28/2005 DBYRNE 00000264 070868 11305914 1 FC:8021 40.00 DA	ew application, the exect	B. Patent No.(s)			1	
Patent Application No. Filing date 2/28/2005 DBYRNE 00000264 070868 11305914 1 FC:8021 40.00 DA A Name and address of party to whom corresp	ew application, the exect dditional numbers	B. Patent No.(s) lications ar	nd patents inve		1	
Patent Application No. Filing date 2/28/2005 DBYRNE 00000264 070868 11305914 1 FC:8021 40.00 DA A Name and address of party to whom corresp concerning document should be mailed:	ew application, the exect dditional numbers [bondence 6. Total 7. Total	B. Patent No.(Yes X No I number of appl fee (37 CFR 3. Enclosed - Any e	s) lications ar 41):	nd patents invo \$ 40.00 nsufficiency sł	olved:	1	
Patent Application No. Filing date 2/28/2005 DBYRNE 00000264 070868 11305914 1 FC:8021 40.00 DA A Name and address of party to whom corresp concerning document should be mailed: Name: David E. Rodrigues	ew application, the exect dditional numbers [bondence 6. Total 7. Total	B. Patent No.(Yes X No I number of appl	s) lications ar 41):	nd patents invo \$ 40.00 nsufficiency sł	olved:	1	
Patent Application No. Filing date 2/28/2005 DBYRNE 00000264 070868 11305914 1 FC:8021 40.00 DA A Name and address of party to whom corresp concerning document should be mailed: Name: David E. Rodrigues Registration No. 50,604 Address: Cantor Colburn LLP	ew application, the exect dditional numbers bondence 6. Total 7. Total	B. Patent No.(Yes X No I number of appl fee (37 CFR 3. Enclosed - Any e	s) lications ar 41): excess or ir ed to depos	nd patents inve \$ <u>40.00</u> nsufficiency sl sit account	olved: nould be	1	
Patent Application No. Filing date 2/28/2005 DBYRNE 00000264 070868 11305914 1 FC:8021 40.00 DA A Name and address of party to whom corresp concerning document should be mailed: Name: David E. Rodrigues Registration No. 50,604	ew application, the exect dditional numbers bondence 6. Total 7. Total 1	B. Patent No.(Yes X No I number of appl fee (37 CFR 3. Enclosed - Any e credited or debite	s) lications ar 41): excess or ir ed to depos charged to	nd patents inve \$ <u>40.00</u> nsufficiency sl sit account	olved: nould be	1	
Patent Application No. Filing date 2/28/2005 DBYRNE 00000264 070868 11305914 1 FC:8021 40.00 DA A Name and address of party to whom corresp concerning document should be mailed: Name: David E. Rodrigues Registration No. 50,604 Address: Cantor Colburn LLP	ew application, the exect dditional numbers bondence 6. Total 7. Total 1 2 8. Depc 07. 07	B. Patent No.(Yes X No I number of appl fee (37 CFR 3. Enclosed - Any e credited or debite Authorized to be posit account num	s) lications ar 41): excess or ir ed to depos charged to	nd patents inve \$ <u>40.00</u> nsufficiency sl sit account	olved: nould be	1	
Patent Application No. Filing date P/28/2005 DBYRNE 00000264 070868 11305914 I FC:8021 40.00 DA A Name and address of party to whom corresp concerning document should be mailed: Name: David E. Rodrigues Registration No. 50,604 Address: Cantor Colburn LLP 55 Griffin Road South	ew application, the exect dditional numbers bondence 6. Total 7. Total 1 2 8. Depc 3. Depc	B. Patent No.(Yes X No I number of appl fee (37 CFR 3. Enclosed - Any e credited or debite Authorized to be posit account num	s) lications ar 41): excess or ir ed to depos charged to nber:	nd patents inve \$ 40.00 nsufficiency sl sit account o deposit acco	olved: nould be		
Patent Application No. Filing date P2/28/2005 DBYRNE 00000264 070868 11305914 I FC:8021 40.00 DA A Name and address of party to whom corresp concerning document should be mailed: Name: David E. Rodrigues Registration No. 50,604 Address: Cantor Colburn LLP 55 Griffin Road South City: Bloomfield State/Prov Country: USA ZIP: 060	ew application, the exect dditional numbers bondence 6. Total 7. Total 1 2 8. Depc 3. Depc	B. Patent No.(Yes X No I number of appl I fee (37 CFR 3. Enclosed - Any e credited or debite Authorized to be posit account num 368 ach duplicate copy of	s) lications ar 41): excess or ir ed to depos charged to nber:	nd patents inve \$ 40.00 nsufficiency sl sit account o deposit acco	olved: nould be		
Patent Application No. Filing date P/28/2005 DBYRNE 00000264 070868 11305914 I FC:8021 40.00 DA A Name and address of party to whom corresp concerning document should be mailed: Name: David E. Rodrigues Registration No. 50,604 Address: Cantor Colburn LLP 55 Griffin Road South City: Bloomfield State/Prov	dditional numbers bondence 6. Total 7. Total 1 2 02 DO NOT USE THIS	B. Patent No.(Yes X No I number of appl I fee (37 CFR 3. Enclosed - Any e credited or debite Authorized to be posit account num 368 ach duplicate copy of S SPACE	s) lications ar 41): excess or ir ed to depos charged to nber:	nd patents invo \$ <u>40.00</u> nsufficiency sl sit account o deposit acco paying by depos	olved: nould be punt it account)	
Patent Application No. Filing date P/28/2005 DBYRNE 00000264 070868 11305914 I FC:8021 40.00 DA A Name and address of party to whom corresp concerning document should be mailed: A Name: David E. Rodrigues Registration No. 50,604 Address: Cantor Colburn LLP 55 Griffin Road South State/Prov City: Bloomfield State/Prov Statement and signature. 70 the best of my knowledge and belief, the of the original document.	additional numbers additional numbers bondence 6. Total 7. Total 1 1 1 <tr< td=""><td>B. Patent No.(Yes No I number of appl I fee (37 CFR 3. Enclosed - Any e credited or debite Authorized to be posit account num 368 ach duplicate copy of S SPACE true and correct</td><td>s) lications ar 41): excess or ir ed to depos charged to nber:</td><td>nd patents inve \$ 40.00 nsufficiency sh sit account o deposit acco paying by depos ttached copy</td><td>olved: nould be ount it account <i>is a true</i></td><td>) copy</td></tr<>	B. Patent No.(Yes No I number of appl I fee (37 CFR 3. Enclosed - Any e credited or debite Authorized to be posit account num 368 ach duplicate copy of S SPACE true and correct	s) lications ar 41): excess or ir ed to depos charged to nber:	nd patents inve \$ 40.00 nsufficiency sh sit account o deposit acco paying by depos ttached copy	olved: nould be ount it account <i>is a true</i>) copy	
Patent Application No. Filing date P/28/2005 DBYRNE 00000264 070868 11305914 I FC:8021 40.00 DA A Name and address of party to whom corresp concerning document should be mailed: Name: David E. Rodrigues Registration No. 50,604 Address: Cantor Colburn LLP 55 Griffin Road South City: Bloomfield State/Prov Country: USA ZIP: 060 Statement and signature. To the best of my knowledge and belief, the	additional numbers additional numbers bondence 6. Total 7. Total 1 1 1 <tr< td=""><td>B. Patent No.(Yes X No I number of appl I fee (37 CFR 3. Enclosed - Any e credited or debite Authorized to be posit account num 368 ach duplicate copy of S SPACE</td><td>s) lications an 41): excess or ir ed to depos charged to nber: of this page if f and any a</td><td>nd patents invo \$ <u>40.00</u> nsufficiency sl sit account o deposit acco paying by depos</td><td>olved: nould be punt it account <i>is a true</i> - 19, 200</td><td>) copy</td></tr<>	B. Patent No.(Yes X No I number of appl I fee (37 CFR 3. Enclosed - Any e credited or debite Authorized to be posit account num 368 ach duplicate copy of S SPACE	s) lications an 41): excess or ir ed to depos charged to nber: of this page if f and any a	nd patents invo \$ <u>40.00</u> nsufficiency sl sit account o deposit acco paying by depos	olved: nould be punt it account <i>is a true</i> - 19, 200) copy	

<u>ASSIGNMENT</u>

In accordance with my/our obligations under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between the General Electric Company, a New York Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt. I/we,

Grigoriì Lev Soloveichik	oſ	37 Laura Drive; Latham, NY 12110 USA
Ji-Cheng Zhao	of	35 Dyke Road; Latham, NY 12110 USA

hereby sell and assign to General Electric Company, a New York Corporation, (hereinafter referred to as Assignee) having an address at 1 River Road. Schenectady, New York 12345. USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

METHOD FOR MANUFACTURING MAGNESIUM BOROHYDRIDE

executed concurrently herewith,

_____ filed on having Serial Number

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 Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/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 Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Assignment v2.0, 09/05, MFG

INVENTOR 1

Signature: Origon: Ler Solveschin Grigorii Lev Soloveichik

Witnessed by: John Osahen: John Osahen; Printed Name of Witness

Witnessed by: Benjamin K. Was Signature Benjamin Was Printed Name of Witness

Date: 12/15/2005

Date: 12/15/2005

Date: 12/15/2005

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

	Date:
Grigorii Lev Soloveichik	
STATE OF	
COUNTY OF	SS.
This day of	before me personally came the above-named
	personally known as the individual who executed the foregoing to me that he/she executed the same of his/her own free will for

Seal

(Notary Public)

Assignment v2.0, 09/05, MFG

Page 2 of 3

PATENT REEL: 017396 FRAME: 0527

DOCKET NUMBER: 195391-1

INVENTOR 2

Signature: Ji-Cheng Zhao		Date:
Witnessed by:	Signature	Date:
	Printed Name of Witness	
Witnessed by: .	Signature	Date:
	Printed Name of Witness	

:

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Ji-Cheng Zhao

Date:

STATE OF

COUNTY OF

This _____ day of ______ before me personally came the above-named **<u>Ji-Cheng Zhao</u>**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

SS.

Seal

(Notary Public)

Assignment v2.0, 09/05, MFG

Page 3 of 3

PATENT REEL: 017396 FRAME: 0528

<u>ASSIGNMENT</u>

In accordance with my/our obligations under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between the General Electric Company, a New York Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Grigorii Lev Soloveichik	of	37 Laura Drive; Latham, NY 12110 USA
Ji-Cheng Zhao	of	35 Dyke Road; Latham, NY 12110 USA

hereby sell and assign to General Electric Company, a New York Corporation, (hereinafter referred to as Assignee) having an address at 1 River Road, Schenectady, New York 12345, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

METHOD FOR MANUFACTURING MAGNESIUM BOROHYDRIDE

executed concurrently herewith,

filed on having Serial Number

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 Assignce, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee. I/we will communicate to said Assignee or its representatives or nominees any facts known to mc/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 Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

DOCKET NUMBER: 195391-1

INVENTOR 1

,

.

Signature:		Date:	
Grigorii Lev So	loveichik		
Witnessed by:	Signature	Date: _	
	Signature		
-	Printed Name of Witness		
Witnessed by:		Date:	
	Signature		
	Printed Name of Witness		
SECTION BE	LOW IS FOR USE ON	ILY IF SIGNING IN F	RESENCE OF A NOTARY
		Date:	
Grigorii Lev So	loveichik		
STATE OF			
STATEON	S	S.	
COUNTY OF			
Grigorii Lev Se	bloveichik, to me person no acknowledged to me	ally known as the indivi	sonally came the above-named dual who executed the foregoing same of his/her own free will for
• •			
Seal	_	<u> </u>	r. Dathlin)
		(INOTAI	y Public)

Assignment v2.0, 09/05, MFG

ł

Page 2 of 3

PATENT REEL: 017396 FRAME: 0530

INVENTOR 2

Signature: Ji-Cheng Zhao	0	Date:	12-15-2005
Witnessed by:	Signature		12-15-2005
	RADHAKRISHNA B. 1 Printed Name of Witness J Signature Francis Johnso Printed Name of Witness	Date:	12-15-2005
SECTION BE	LOW IS FOR USE ONLY	IF SIGNING IN I	PRESENCE OF A NOTARY
Ji-Cheng Zhao	I	Date:	
STATE OF			

COUNTY OF

This _____ day of _____, ____ before me personally came the above-named Ji-Cheng Zhao, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

SS.

Seal

(Notary Public)

Assignment v2.0, 09/05, MFG

Page 3 of 3

PATENT REEL: 017396 FRAME: 0531

RECORDED: 12/19/2005