J-119	02 - 21 - 20 1 031807 Lents and Trademarks: P Execution Date 1/6/06 1/5/06 1/6/06 1/6/06 1/6/06	U.S. Patent and Trademark Office		
To the Honorable Commissioner of Pate Name of conveying party(ies): Dong-Sil Park Mark Philip D'Evelyn Myles Standish Peterson, II John Thomas Leman	1031807 Pents and Trademarks: P Execution Date 1/6/06 1/5/06 1/6/06	Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) Name: GENERAL ELECTRIC COMPANY Internal Address: Street Address: 1 River Road City: Schenectady State: NY ZIP: 12345 3. Nature of conveyance:		
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Mark Philip D'Evelyn Myles Standish Peterson, II John Thomas Leman	1/5/06 1/6/06 1/6/06	Internal Address: Street Address: 1 River Road City: Schenectady State: NY ZIP: 12345 3. Nature of conveyance:		
Myles Standish Peterson, II John Thomas Leman	1/6/06 1/6/06	Street Address: 1 River Road City: Schenectady State: NY ZIP: 12345 3. Nature of conveyance:		
John Thomas Leman	1/6/06	City: Schenectady State: NY ZIP: 12345 3. Nature of conveyance: ☐ Assignment ☐ Merger		
		City: Schenectady State: NY ZIP: 12345 3. Nature of conveyance: ☐ Assignment ☐ Merger		
Fred (NMN) Sharifi	1/6/06	3. Nature of conveyance: ☐ Assignment ☐ Merger		
		☐ Merger		
		☐ Security Agreement ☐ Change of Name		
		Other		
		Professional Control of the Control		
Application number(s) or patent number(s): If this document is being filed together with a new a A. Patent Application No.(s) 11/313,451	application, the execution	B. Patent No. (s)		
5. Name and address of party to whom corresponder	nce	6. Total number of application and patents involved: 1		
concerning document should be mailed:		7. Total fee (37 CFR 3.41		
Name: <u>General Electric Company</u> Internal Address: <u>Global Research Patent Dock</u>	cet Rm. 4A59	☐ Enclosed		
		☑ Authorized to be charged to deposit account		
Street Address: 1 Research Circle				
City: <u>Niskayuna</u> State: <u>NY</u> Zip: 12309		8. Deposit account number: <u>07-0868</u>		
	DO NOT USE	THIS SPACE		
	DO 1101 00E	ITTIO SPACE		
original document. Shawn A. McClintic	oregoing information in	is true and correct and any attached copy is a true copy of the M. January 17, 2006		
Name of Person Signing 7/2006 DBYRHE 00000076 070868 11313451	Signature	Date		
C:8021 (40.00 DA)				

ASSIGNMENT

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,

Dong-Sil (NMN) Park	of	Niskayuna, New York
Mark Philip D'Evelyn	of	Niskayuna, New York
Myles Standish Peterson, II	of	Sloansville, New York
John Thomas Leman	of	Niskayuna, New York
Fred (NMN) Sharifi	of	Niskayuna, New York

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:

CRYSTALLINE COMPOSITION, DEVICE, AND ASSOCIATED METHOD

		executed concurrently	herewith,		
ı	X	filed on December 20,	2005 having	Serial Number	11/313,451

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.

Page 1 of 6

INVENTOR 1	
Signature: Dong-Sil (NMN) Park	Date:
Witnessed by:Signature	Date:
Printed Name of Witness	
Witnessed by:Signature	Date:
Printed Name of Witness	
SECTION BELOW IS FOR USE ONI Jong-Sil (NMM) Park	LY IF SIGNING IN PRESENCE OF A NOTARY Date:
STATE OF New York ss. COUNTY OF Schenectady	
This day of January, 2006 before	e me personally came the above-named known as the individual who executed the foregoing at he/she executed the same of his/her own free will for Manage (Notary Public)
	ECHLA A. V. V. W. 111 L.

Page 2 of 6

Assignment v2.0, 09/05, MFG

Bullitt & F. John H. B. Billing Public Plate of Nov York Gueldied in Schalleddey County Mn. 97 Gebus 7577 Oranis on Span J. Schalley (2) 2008

PATENT REEL: 017566 FRAME: 0405

INVENTOR 2			
Signature: Ma	rk Philip D'Evelyn	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
Mark Philip D	DE) Evelyn	Date:	1/5/06
STATE OF New COUNTY OF S	SS	S.	
This da Mark Philip D'	y of January, 2006 befor Evelyn, to me personall o acknowledged to me t	y known as the individ	he above-named lual who executed the foregoing same of his/her own free will for
Seal		Mana (Notar	y Public)
Assignment v2.0, 09/0	05, MFG	Page 3 of 6	Andrew A. C. Walter and A. W

INVENTOR 3					
	les Standish Peterson		Date:		
Witnessed by:	Signature		Date:		
	Printed Name of Witne	ess			
Witnessed by:	Signature		Date:		
-	Printed Name of Witne	ess			
Myles Standish		ONLY IF SIGNI	Date:		A NOTARY
STATE OF Nev		ss.			
Myles Standish foregoing assign	y of January, 2006 be Peterson II, to ment, who acknowl purposes therein set	e personally know ledged to me that	vn as the ir	dividual wh	o executed the of his/her own
		Page 4 of 6	(Notary Pu	pure series (1971) pure series (1971) pure series (1971) pure series (1971)	

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PATENT REEL: 017566 FRAME: 0407

INVENTOR 4					
Signature:	Thomas Leman		Date:		
Witnessed by: _	Signature		Date:		
	Printed Name of Witnes	s			
Witnessed by:	Signature		Date:		_
_	Printed Name of Witnes	s			
	OW IS FOR USE O				ΓARY
STATE OF New		SS.			
John Thomas Le	of January, 2006 being to me personal acknowledged to me rein set forth.	lly known as the	individual v	who executed the f	oregoing will for
Seal		Man	(Notary Pul	Hatte blic)	

Page 5 of 6

Assignment v2.0, 09/05, MFG

INVENTOR 5			
Signature: Free	d (NMN) Sharifi	Date: _	
Witnessed by:	Signature	Date: _	
•	Printed Name of Witness		
Witnessed by:	Signature	Date: _	·
-	Printed Name of Witness		
	arifi		RESENCE OF A NOTARY
STATE OF New	SS.		
Fred (NMN) SI	o acknowledged to me that	own as the individu	e above-named al who executed the foregoing ame of his/her own free will for
Seal		Mons (Notary	Jenlie Public)
	,	Page 6 of 6	Control of the contro

Assignment v2.0, 09/05, MFG

RECORDED: 02/16/2006

PATENT REEL: 017566 FRAME: 0409