International provides working International provides working International provides working International provides International provides working International provides International provides working International provides International provides Inte	· · · ·	11-16-00	Docket No	.: 47274-0001-00-US (234742)	
Tab satings 103461561 To the Director of the United States Patent and Trademark Office: Prease Jourd the attached ordinal-rotournets or copy thurcof. 1. Name of conveying party(les): 2. Name and address of reading party(les): Thomas Bernard Breen James Daniel Phelan [] -1 5 - 0 7 Additional name(s) of conveying party(les): Name: General Electric Gompany Intermal Address:			1661		
Tab satings 103461561 To the Director of the United States Patent and Trademark Office: Prease Jourd the attached ordinal-rotournets or copy thurcof. 1. Name of conveying party(les): 2. Name and address of reading party(les): Thomas Bernard Breen James Daniel Phelan [] -1 5 - 0 7 Additional name(s) of conveying party(les): Name: General Electric Gompany Intermal Address:	OMB No. 0651-0027 (exp.5/31/2002)			Patent and Trademark Office	
To the Director of the United States Patent and Trademark Office: Prease reword the attached of Biguard Stores for conveying party(les): 1. Name of conveying party(les): Thomas Brenard Breen James Daniel Phelan 1/1-15:07 Additional names(s) of conveying party(les): 1. Name of conveying party to whom correspondence concerning ocument should be mailed: 1. Name: Armande A. Flores, Esq. Internal Address: 1. Name: Armande A. Flores, Esq. Internal Address: 1. Marker Street Address: 1. Total fee (37 CFR 3.41): 1. Stee: PA ZIP: 19103 (Authorized to be charged to deposit account 3. Deposit account number: 0. Day Logan Squares, 18th & Cherry Streets City: Philadelphia<	Tab settings 📥 📥 🔍				
Thomas Bernard Breen James Daniel Phelan [[-15:07] Additional names(s) of conveying party(les) Yes I& No 3. Nature of conveyance: Internal Address: 24 Assignment Merger Security Agreement Change of Name Other City: Schenectady State: NY ZIP: 12345 Additional number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 11/648,235 City: Schenectady Street Address: Drinker Biddle & Reath LLP One Logan Square, 18th & Cherry Streets State: PA City: Philadelphia State: PA Street Address: Drinker Biddle & Reath LLP One Logan Square, 18th & Cherry Streets Subject Paylication is the orgonig information is the and correct and any attached copy is a true copy of the best of my knowledge and belof, the foregoing information is true and correct and any attached copy is a true copy of the orgonig information is true and correct and any attached copy is a true copy of the page if paying by deposit account Statement and signature. November 13, 2007 Name: Attranade A. Flores, Esq., 41,754 Mathematication is true and cournet. De Nort Use This Space		—		nal-documents or copy thereof.	
James Daniel Phelan 1/-15-0/ Name: Center in Literit Remains Additional names(s) of conveying party(es) 1 Yes 🖄 No 3. Nature of conveyance: Street Address: 1 Internal Address: 3. Assignment Image of Name City: Schenectady State: NY Other City: Schenectady State: NY ZIP: 12345 Additional number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Additional numbers(s): 111/648,235 B. Patent No.(s) B. Patent No.(s) 4. Application No.(s) B. Patent No.(s) Image of applications and patents involved: 1 111/648,235 Total number of applications and patents involved: 1 1 Name: Armando A. Flores, Esq. 7. Total fee (37 CFR 3.41)	1. Name of conveying party(ies):		2. Name and address of rece	ving party(ies):	
Additional names(s) of conveying party(se) Ves (2) No 3. Nature of conveyance: Internal Address: (2) Additional names(s) of conveyance: Street Address: (2) Additional names(s) address(se) Street Address: (2) Other (3) Nature of conveyance: (2) Other (3) Nature of conveyance: (3) Assignment (3) Nature of conveyance: (3) Other (4) Application number (2007 (4) Application number(s) or patent numbers(s): (4) Additional name(s) & address(es) attached? (4) Application number(s) or patent numbers(s): (5) Name and address of party to whom correspondence (5) Name and address of party to whom correspondence (6) Total number of applications and patents involved: (1) Internal Address: (2) Yes (2) No (3) Internal Address: (4) Other (2) Yes (2) No (3) Name: Armando A. Flores, Esq. (7) Total fee (37 CFR 3.41)	Thomas Bernard Breen		Conoral Electric (C		
Additional names(s) of conveying party(ies) Yes 2 No 3. Nature of conveyance: Street Address: 21. Assignment Merger Security Agreement Change of Name Other City: Schenectady Street Address: 1 River River River Additional number(s) or patent numbers(s): Additional name(s) & address(es) attached? Yes 2 No 4. Application number(s) or patent numbers(s): B. Patent No.(s) Street Address: Street Address (es) attached? Yes 2 No 5. Name and address of party to whom correspondence concerning document should be mailed: R. Total number of applications and patents involved: 1 Name: Armando A. Flores, Esq. 7. Total fee (37 CFR 3.41)	James Daniel Phelan	11-15.01	Name: General Electric Gu	mpany	
3. Nature of conveyance: Image: Assignment Image: Assignment Image: Armando A. Flores, Esq. 3. Nature of conveyance: Street Address: Image: Armando A. Flores, Esq. Image: Armando A. Flores, Image: Armando A. Fl			Internal Address: 말		
Street Address: I River Boad Security Agreement Change of Name Other City: Schemettady State: Name: I November 2007 Additional name(s) & address(es) attached? Yes Yes Na A. Patent Application No.(s) B. Patent No.(s) 11/648,235 B. Patent No.(s) Street Address: Operation and patents involved: Internal Address: City: Schemectady Street Address: Drinker Bidde & Reath LLP One Logan Square, 18th & Cherry Streets Subject on street and explication and signature. State: Path State: PA Distered Address: Drinker Biddle & Reath LLP One Logan Square, 18th & Cherry Streets Subject on stree and explication and signature. State: Path State: PA Distered Address: Drinker Biddle & Reath LLP State: Subject on stree and correct and any attached copy is a true copy of the original document. State: PA Do NOT USE THIS SPACE Subject on stree and correct and any attached copy is a true copy of the original document. Armando A. Flores, Esq., 41,754 November 13, 2007	Additional names(s) of conveying party(ies)	🗋 Yes 🖾 No			
Assignment INerger Street Address: I River Road Security Agreement Change of Name Other Change of Name Other City: Schenectady State: NY ZIP: 12345 Execution Date: 1 November 2007 Additional name(s) & address(es) attached? Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) II/648,235 Composition of the applications and patents involved: Additional numbers attached? Yes Xi No S. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: Name: Armando A. Flores, Esq. 7. Total fee (37 CFR 3.41)	3. Nature of conveyance:				
□ Other City: Scheneetady State: NY ZIP: 12345 Execution Date: 1 November 2007 Additional name(s) & address(es) attached? □ Yes Na 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: If this document is being filed together with a new application, the execution date of the application is: If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) If this document is being filed together with a new application, the execution date of the application is: Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Armando A. Flores, Esq. 7. Total fee (37 CFR 3.41)\$ 40.00 Implication number: 1 One Logan Square, 18th & Cherry Streets State: PA ZIP: 19103 Attach duplicate copy of this page if paying by deposit account) 9. Statement and signature. To the bast of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. November 13, 2007 Armando A. Flores, Esq., 41,754 November 13, 2007 Date	🛛 Assignment	Merger	Street Address: 1 River R	1. .	
Execution Date: 1 November 2007 Additional name(s) & address(es) attached? Yes Xeta 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: If this document is being filed together with a new application, the execution date of the application is: If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) If this document is being filed together with a new application, the execution date of the application is: Additional numbers attached? Yes No Statement and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Armando A. Flores, Esq. 7. Total fee (37 CFR 3.41):	Security Agreement	Change of Name			
4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 11/648,235 Additional numbers attached? Yes Additional numbers attached? Yes Name and address of party to whom correspondence concerning document should be mailed: Name: Armando A. Flores, Esq. Internal Address: 7. Total fee (37 CFR 3.41):	Other		City: Schenectady	State: <u>NY</u> ZIP: <u>12345</u>	
A. Patient No.(s) If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 11/648,235 B. Patent No.(s) Additional numbers attached? Yes ⊠ No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Armando A. Flores, Esq. 7. Total fee (37 CFR 3.41)	Execution Date: <u>1 November 2007</u>		Additional name(s) & address(es		
If this document is being filed together with a new application, the execution date of the application is: Image: A Patent Application No.(s) B. Patent No.(s) 11/648,235 Image: Additional numbers attached? Yes 🖄 No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Armando A. Flores, Esq. 7. Total fee (37 CFR 3.41):\$ 40.00 Image: Address: 40.00 Internal Address: Image: Anthone Biddle & Reath LLP 8. Deposit account 3 40.00 Street Address: Drinker Biddle & Reath LLP 8. Deposit account number: 50-0573 1 One Logan Square, 18th & Cherry Streets 50-0573 1 1 1 O NOT USE THIS SPACE 9. Statement and signature. 1 1 1 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. November 13, 2007 Name of Person Signing Signature 3 Date	4. Application number(s) or patent numbe	ers(s):			
A. Patent Application No.(s) B. Patent No.(s) 11/648,235 Additional numbers attached? Yes X No S. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Armando A. Flores, Esq. 7. Total fee (37 CFR 3.41):			the execution date of the applic	cation is:	
Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Armando A. Flores, Esq. 7. Total fee (37 CFR 3.41):\$ 40.00 1 Internal Address: 7. Total fee (37 CFR 3.41):					
Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Armando A. Flores, Esq. 7. Total fee (37 CFR 3.41):\$ 40.00 1 Internal Address: 7. Total fee (37 CFR 3.41):	The atom opprovident to (c)		D. 1 dont 10.(0)		
Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Armando A. Flores, Esq. 7. Total fee (37 CFR 3.41):\$ 40.00 1 Internal Address: 7. Total fee (37 CFR 3.41):	11/648,235			STIC SEC	
Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Armando A. Flores, Esq. 7. Total fee (37 CFR 3.41):\$ 40.00 1 Internal Address: 7. Total fee (37 CFR 3.41):				17 17	
5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Armando A. Flores, Esq. 7. Total fee (37 CFR 3.41):				SC .	
5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Armando A. Flores, Esq. 7. Total fee (37 CFR 3.41):		Additional numbers attac	hed? 🗋 Yes 🖾 No		
concerning document should be mailed: 5. Total number of applications and patents involved. 1 Name: Armando A. Flores, Esq. 7. Total fee (37 CFR 3.41):\$ 40.00 Internal Address:			· · · · · · · · · · · · · · · · · · ·		
Internal Address: 40.00 Internal Address: Enclosed - Any excess or insufficiency should be credited or debited to deposit account Street Address: Drinker Biddle & Reath LLP One Logan Square, 18th & Cherry Streets Street Address: City: Philadelphia State: PA ZIP: 19103 (Attach duplicate copy of this page if paying by deposit account) Do Not USE THIS SPACE 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. Armando A. Flores, Esq., 41,754 MMM Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document: Date	· ·	÷	6. Total number of application	is and patents involved:	
Image: Street Address: Drinker Biddle & Reath LLP Authorized to be charged to deposit account Authorized to be charged to deposit account B. Deposit account number: <u>50-0573</u> (Attach duplicate copy of this page if paying by deposit account) 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. Armando A. Flores, Esq., 41,754 Mathematication of pages including cover sheet, attachments, and document.	Name: Armando A. Flores, Esq.		7. Total fee (37 CFR 3.41):\$ 40.00		
Image: Construction of the original document. Image: Construction of the original document. Authorized to be charged to deposit account Authorized to be charged to deposit account Street Address: Drinker Biddle & Reath LLP One Logan Square, 18th & Cherry Streets 50-0573 City: Philadelphia State: PA ZIP: 19103 City: Philadelphia State: PA ZIP: 19103 ONOT USE THIS SPACE 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. Armando A. Flores, Esq., 41,754 MMM November 13, 2007 Name of Person Signing Signature 3 Total number of pages including cover sheet, attachments, and document: 3 Date	Internal Address:		X Enclosed - Any excess or insufficiency should be		
Street Address: Drinker Biddle & Reath LLP 8. Deposit account number: One Logan Square, 18th & Cherry Streets 50-0573 City: Philadelphia State: PA ZIP: 19103 ONOT USE THIS SPACE 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. November 13, 2007 Armando A. Flores, Esq., 41,754 Mathematical Signature 3 Name of Person Signing Signature 3 Total number of pages including cover sheet, attachments, and document: 3 Date			credited or debited to d	eposit account	
One Logan Square, 18th & Cherry Streets 50-0573 City: Philadelphia State: PA ZIP: 19103 (Attach duplicate copy of this page if paying by deposit account) Do Not Use THIS SPACE 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. Movember 13, 2007 Armando A. Flores, Esq., 41,754 Mathematical Signature Jate Name of Person Signing Signature Jate			Authorized to be charge	ed to deposit account	
One Hogan Square, four & Cheffy Streets City: Philadelphia State: PA ZIP: 19103 (Attach duplicate copy of this page if paying by deposit account) Do Not USE THIS SPACE Do Not USE THIS SPACE 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. November 13, 2007 Armando A. Flores, Esq., 41,754 Mame of Person Signing Signature Jate Total number of pages including cover sheet, attachments, and document: Jate Jate	Street Address: Drinker Biddle & Reath LLP		8. Deposit account number:		
DO NOT USE THIS SPACE 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. Armando A. Flores, Esq., 41,754 Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document: 3	One Logan Square, 18th & Cherry Stu	reets	50-0573		
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. Armando A. Flores, Esq., 41,754 Muther Mathematical	City: Philadelphia State:	<u>PA</u> ZIP: <u>19103</u>	(Attach duplicate copy of this pag	e if paying by deposit account)	
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. Image: Copy of the original document. Armando A. Flores, Esq., 41,754 Image: Copy of the original document. Image: Copy of the original document. Name of Person Signing Signature Image: Copy of the original document. Total number of pages including cover sheet, attachments, and document: Image: Copy of the original document.		DO NOT I	USE THIS SPACE		
of the original document. Manual Mathematical Math	-				
Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document: 3	, , , , , , , , , , , , , , , , , , , ,				
Total number of pages including cover sheet, attachments, and document:				November 13, 2007	
Total number of pages including cover sheet, attachments, and document:		name includios accord	•	3 Date	
Mail documents to be recorded with required cover sheet information to:					
Mail Stop Assignment Recordation Services Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 PATENT					
	REEL: 020135 FRAME: 0712				

<u>ASSIGNMENT</u>

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, <u>Thomas Bernard Breen</u> of <u>11 Kathryn Lane</u>, <u>Broomall</u>, <u>Pennsylvania</u>, <u>19008</u>; and <u>James Daniel Phelan</u> of <u>108 Dalton Road</u>, <u>Paoli</u>, <u>Pennsylvania</u>, <u>19301</u>, hereby sell and assign to General Electric Company (a New York Corporation) having an address at 1 River Road, Schenectady, New York 12345, United States of America (hereinafter referred to as "Company"), its successors and assigns our entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by us and described in the application for United States Patent currently entitled Wake Interval Adjustment Based on Charge Level

□ executed concurrently herewith,

□ signed as of [date], or

X filed on December 29, 2006 having Serial Number 11/648,235

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 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 Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

For use by GE and GE Preferred Providers @ 1998-2004, 2005 General Electric Company Effective 1 January 2005 PHIP\553289\1

PATENT REEL: 020135 FRAME: 0713

Inventor 1 een Date: 11/01/07. homas Bernard Breen

State of <u>Pennsylvania</u> Country <u>United States</u>	\$S:
This <u>15+</u> day of <u>NOV</u>	, 2007, before me personally came the above named
Thomas B. Breen foregoing assignment, who acknowled purposes therein set forth.	to me personally known as the individual who executed the dged to me that he/she executed the same of his/her own free will for the
NOTARIAL SEAL Lisa G Pedrick, Notary Public Seal Devon, Chester County My commission expires Nov. 24, 2007	(Notary Public)
Inventor 2 James and Mill	Date: 11/01/2007

James Daniel Phelan

State of _____ Pennsylvania _____SS: County of United Stated

This 15th day of _____ NOV , 2007, before me personally came the above named

James Daniel Phelan James Danie Phelan 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.

Beal NOTARIAL SEAL Lisa G Pedrick, Notary Public Devon, Chester County My commission expires Nov. 24, 2007

(Notary Public)

For use by GE and GE Preferred Providers @ 1998-2004, 2005 General Electric Company Effective 1 January 2005 PHIP\553289\1

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this Assignment, Recordation Form Cover Sheet (2pp. in duplicate), PTO Form 1595, and return receipt postcard, are being deposited with the United States Postal Service in an envelope addressed to Mail Stop Assignment Recordation Services, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: **November 13, 2007**.

Typed or printed r	ame: Lisa Richardson	
Signature:	Lisa Techardoon	Date: November 13, 2007

Docket No. 047274-0001-00-US (234742)

Mail Stop: Assignment Recordation Services Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

PHIP\517397\1

Docket No.:	47274-0001-00-US (234742)
-------------	--------------------	---------

FORM PTO-1595 (Modified) RECORDATION FC	ORM COVER SHEET U.S. DEPARTMENT OF COMMERCI	
(Rev. 03-01)	TS ONLY Patent and Trademark Offic	
P08/REV03 PAIEN		
Tab settings + + + V V V		
	ce: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Thomas Bernard Breen James Daniel Phelan	Name: General Electric Company	
	Internal Address:	
Additional names(s) of conveying party(ies)		
3. Nature of conveyance:		
🛛 Assignment 🔲 Merger	Street Address: 1 River Road	
Security Agreement Change of Name		
Other	City: <u>Schenectady</u> State: <u>NY</u> ZIP: <u>12345</u>	
Execution Date: 1 November 2007	Additional name(s) & address(es) attached? Yes X No	
4. Application number(s) or patent numbers(s):		
If this document is being filed together with a new application	n the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
11/648,235	DUPLICA AND AND AND AND AND AND AND AND AND AN	
Additional numbers atta	ached? □ Yes ⊠ No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:	
concerning document should be mailed:		
Name: Armando A. Flores, Esq.	7. Total fee (37 CFR 3.41):\$ 40.00	
Internal Address:	 Enclosed - Any excess or insufficiency should be credited or debited to deposit account 	
	Authorized to be charged to deposit account	
Street Address: Drinker Biddle & Reath LLP	8. Deposit account number:	
One Logan Square, 18th & Cherry Streets	50-0573	
City: Philadelphia State: PA ZIP: 19103	(Attach duplicate copy of this page if paying by deposit account)	
	T USE THIS SPACE	
9. Statement and signature.	mation is true and correct and any attached copy is a true copy	
of the original document.	1 1	
Armando A. Flores, Esq., 41,754	November 13, 2007	
Name of Person Signing	Signature Date	
Total number of pages including cover	sheet, attachments, and document:	
Mail Stop Assignme	with required cover sheet information to: ent Recordation Services	
Director of the United States Patent and Tradem	ark Office, P.O. Box 1450, Alexandria, VA 22313-1450	
	PATENT	
RECORDED: 11/15/2007	REEL: 020135 FRAME: 0716	