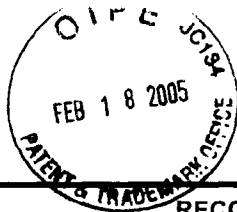


2/18/05



03-01-2005

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Form PTO-1595  
(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings ⇌ ⇌ ⇌

RECORD

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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

## 1. Name of conveying party(ies):

Ajith Kumar  
Glenn Shaffer  
Wolfgang Daum

## 2. Name and address of receiving party(ies)

Name: General Electric Company

Internal Address: \_\_\_\_\_

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

## 3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other \_\_\_\_\_

12-10-2004, 1-3-2005

1-5-2005, 1-6-2005

1-11-2005, 1-12-2005

Execution Date: \_\_\_\_\_

Street Address: One River RoadCity: Schenectady State: NY Zip: 12301Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 11/008,708

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

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

Name: David G. Maire

Internal Address: \_\_\_\_\_

Beusse Brownlee Wolter Mora &amp; Maire, P.A.

Street Address: 390 N. Orange Avenue, Ste. 250City: Orlando State: FL Zip: 328016. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

07-0846

DO NOT USE THIS SPACE

## 9. Signature.

David G. Maire

Name of Person Signing

David G. Maire  
Signature2/15/2005  
DateTotal number of pages including cover sheet, attachments, and documents: 15

02/28/2005 DBYRNE 00000035 070846 11008708

01 FC:8021

40.00 DA

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231PATENT  
REEL: 016307 FRAME: 0282

**Page 2/2**

**Recordation Form Cover Sheet - Form PTO-1595**

**Docket Number: 5025-3 (409)**

**Application No: 11/008,708**

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Additional names of conveying parties:

Leonard Hill

James Glen Corry

Daniel Wolf

Steven Andrew Kellner

ASSIGNMENT

**WHEREAS, We** AJITH KUMAR, a citizen of the United States, residing at 528 Donna Drive, Erie, Pennsylvania 16509, and GLENN SHAFFER, a citizen of the United States, residing at 3618 Dominic Drive, Erie, Pennsylvania 16506, and WOLFGANG DAUM, a citizen of the United States, residing at 5228 Annendale Drive, Erie, Pennsylvania 16506, and LEONARD HILL, a citizen of the United States, residing at 5070 Ellington Drive, Erie, Pennsylvania 16506, and JAMES GLEN CORRY, a citizen of the United States, residing at 963 Pembroke Avenue, N.E., Palm Bay, Florida 32907, DANIEL WOLF, a citizen of the United States, residing at 1695 Treetop Drive, Apt. 11-B, Erie, Pennsylvania 16509, and STEVEN ANDREW KELLNER, a citizen of the United States, residing at 901 Whisperoak Drive, Melbourne, Florida 32901, have invented an improvement in CONFIGURABLE LOCOMOTIVE, Attorney Docket 5025-3 (409).

**AND, WHEREAS,** GENERAL ELECTRIC COMPANY of One River Road, Schenectady, New York 12301, a corporation of the State of New York (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring certain rights thereunder;

**NOW, THEREFORE,** for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application and its cited parent applications, any other United States applications (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said invention, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

**TO BE HELD AND ENJOYED** by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

**AND We** hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

**AND We** hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

**AND We** hereby jointly and severally covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

**IN WITNESS WHEREOF**, we have hereunto set our hands.

Jan 03, 2005  
Date

Ajith Kulkarni Kumar  
AJITH KUMAR

\_\_\_\_\_  
Date

\_\_\_\_\_  
GLENN SHAFFER

\_\_\_\_\_  
Date

\_\_\_\_\_  
WOLFGANG DAUM

**AND We** hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

**AND We** hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

**AND We** hereby jointly and severally covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

**IN WITNESS WHEREOF**, we have hereunto set our hands.

\_\_\_\_\_  
Date

\_\_\_\_\_  
AJITH KUMAR

Jan 12, 2005

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
GLENN SHAFFER

\_\_\_\_\_  
Date

\_\_\_\_\_  
WOLFGANG DAUM

\_\_\_\_\_  
Date

\_\_\_\_\_  
LEONARD HILL

\_\_\_\_\_  
Date

\_\_\_\_\_  
JAMES GLEN CORRY

**AND We** hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

**AND We** hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

**AND We** hereby jointly and severally covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

**IN WITNESS WHEREOF**, we have hereunto set our hands.

\_\_\_\_\_  
Date

\_\_\_\_\_  
AJITH KUMAR

\_\_\_\_\_  
Date

\_\_\_\_\_  
GLENN SHAFFER

*Dec. 10th. 2004*  
\_\_\_\_\_  
Date

*Wolfgang Daum*  
\_\_\_\_\_  
WOLFGANG DAUM

AND We hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

AND We hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

AND We hereby jointly and severally covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, we have hereunto set our hands.

\_\_\_\_\_  
Date

\_\_\_\_\_  
AJITH KUMAR

\_\_\_\_\_  
Date

\_\_\_\_\_  
GLENN SHAFFER

\_\_\_\_\_  
Date

\_\_\_\_\_  
WOLFGANG DAUM

\_\_\_\_\_  
Date

\_\_\_\_\_  
LEONARD HILL

\_\_\_\_\_  
Date

\_\_\_\_\_  
JAMES GLEN CORRY

James Glen Corry  
JAMES GLEN CORRY

Date

1/5/05

Date

St.A. Kell  
STEVEN ANDREW KELLNER

STATE OF \_\_\_\_\_ )  
 )  
COUNTY OF \_\_\_\_\_ )

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal  
the date and year last above written.

My Commission Expires:



Date

LEONARD HILL

Date

JAMES GLEN CORRY

Date

DANIEL WOLF

Date

STEVEN ANDREW KELLNER

ACKNOWLEDGMENT

STATE OF

PA

COUNTY OF

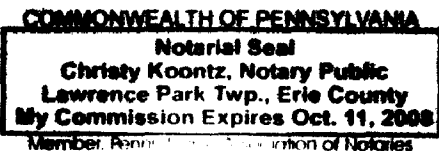
Erie

On this 3<sup>rd</sup> day of January, 2005, before me, a Notary Public, personally appeared AJITH KUMAR, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Christy Koontz  
Notary Public

My Commission Expires:



01/11/05

Date

DANIEL WOLF

ACKNOWLEDGMENT

STATE OF

PA

COUNTY OF

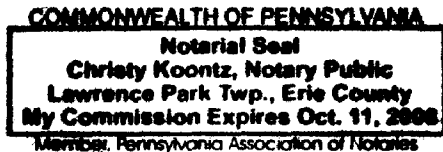
Erie

On this 11<sup>th</sup> day of January, 2005, before me, a Notary Public, personally appeared AJITH KUMAR, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Christy Koontz  
Notary Public

My Commission Expires:



STATE OF

COUNTY OF

On this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a Notary Public, personally appeared GLENN SHAFFER, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

\_\_\_\_\_  
Notary Public

Date

DANIEL WOLF

ACKNOWLEDGMENT

STATE OF \_\_\_\_\_ )  
\_\_\_\_\_) )  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a Notary Public, personally appeared AJITH KUMAR, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

\_\_\_\_\_  
Notary Public

My Commission Expires:  
  
\_\_\_\_\_

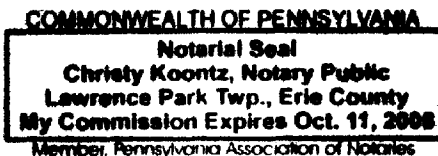
STATE OF PA )  
\_\_\_\_\_) )  
COUNTY OF Erie )

On this 12<sup>th</sup> day of January, 2005, before me, a Notary Public, personally appeared GLENN SHAFFER, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Christy Koontz  
Notary Public

3



STATE OF \_\_\_\_\_ )  
 )  
 COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a Notary Public, personally appeared GLENN SHAFFER, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

\_\_\_\_\_  
 Notary Public

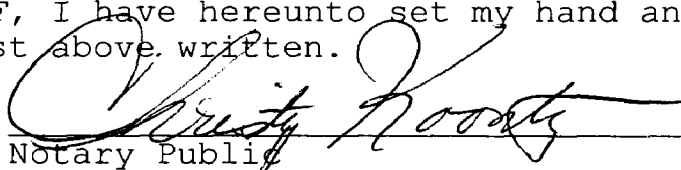
My Commission Expires:

\_\_\_\_\_

STATE OF Pennsylvania )  
 )  
 COUNTY OF Erie )

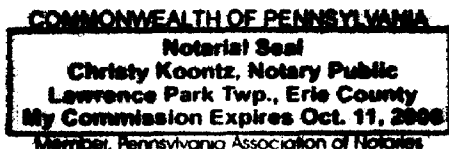
On this 10th day of December, 2004, before me, a Notary Public, personally appeared WOLFGANG DAUM, to me known to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.

  
 Notary Public

My Commission Expires:

\_\_\_\_\_



My Commission Expires:

\_\_\_\_\_

STATE OF \_\_\_\_\_ )

COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a Notary Public, personally appeared WOLFGANG DAUM, to me known to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.

\_\_\_\_\_  
Notary Public

My Commission Expires:

\_\_\_\_\_

STATE OF PA )

COUNTY OF Erie )

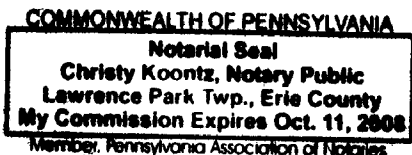
On this 12<sup>th</sup> day of January, 2005, before me, a Notary Public, personally appeared LEONARD HILL, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Christy Koontz  
Notary Public

My Commission Expires:

\_\_\_\_\_



STATE OF \_\_\_\_\_ )  
 )  
 COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a Notary Public, personally appeared LEONARD HILL, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

\_\_\_\_\_  
 Notary Public

My Commission Expires:  
 \_\_\_\_\_

STATE OF Florida )  
 )  
 COUNTY OF Brevard )

On this 6 day of January, 2005, before me, a Notary Public, personally appeared JAMES GLEN CORRY, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

  
 Notary Public

My Commission Expires:

October 18, 2005



Celeste A Nugent-Williams  
 My Commission DD065917  
 Expires October 18, 2005

STATE OF \_\_\_\_\_ )  
 )  
 COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a Notary Public, personally appeared DANIEL WOLF, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

\_\_\_\_\_  
 Notary Public


My Commission Expires:

\_\_\_\_\_

STATE OF Florida )  
 )  
 COUNTY OF Brevard )

On this 5 day of January, 2005, before me, a Notary Public, personally appeared STEVEN ANDREW KELLNER, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

  
 Notary Public

My Commission Expires:

October 18, 2005



Celeste A Nugent-Williams  
 My Commission DD065917  
 Expires October 18, 2005