

2-3-03



102361114

To the Honorable Commissioner of Patents and Trademarks original documents or copy thereof.

1. Name of conveying party(ies):
Earl Claude Helder; Timothy Dion Riggs; Mark Lawrence Hunt;
Daniel Jacob Goertzen; Robert John Heeg; Wendy Howard
Murphy
Additional name(s) of conveying party(ies) attached Yes No

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
Additional name(s) & address(es) attached? Yes No



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: 1/1/03; 1/20/03; 1/20/03; 1/20/03; 1/21/03;
1/22/03, respectively

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: 1/21/03; 1/20/03; 1/20/03;
1/20/03; 1/21/03; 1/22/03, respectively

A. Patent Application No.(s)

B. Patent No.(s)

10357099

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: John S. Beulick
Internal Address: Armstrong Teasdale, LLP.
Street Address: One Metropolitan Sq. Suite 2600
City: St. Louis State: MO ZIP: 63102

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:

01-2384

(Attach duplicate copy of this page if paying by deposit account)

02/11/2003 ECOOPER 00000057 012384 10357099

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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.

Robert B. Reeser, III
Name of Person Signing

February 3, 2003
Date

Total number of pages including cover sheet, attachments, and document:

In consideration of One Dollar and other good and valuable consideration, of which we acknowledge receipt, we, EARL CLAUDE HELDER, 6744 Kenwood Road, Cincinnati, Ohio 45243; TIMOTHY DION RIGGS, 2825 Gill Field Road, Madisonville, Kentucky 42431; MARK LAWRENCE HUNT, 104 Creekside Court, Greenwood, South Carolina 29647; DANIEL JACOB GOERTZEN, 902 Hiawatha, Madisonville, Kentucky 42431; ROBERT JOHN HEEG, 810 Sabino Court, Cincinnati, Ohio 45231; and WENDY HOWARD MURPHY, 3261 Boxwood Circle, Cincinnati, Ohio 45241, sell and assign to GENERAL ELECTRIC COMPANY (hereinafter "COMPANY"), a New York Corporation, its successors and assigns the entire right, title and interest in and to the improvements in METHODS AND APPARATUS FOR FABRICATING A TURBINE ENGINE BLADE, invented by us, as described in the application for United States patent executed concurrently herewith, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions 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 improvements or 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 us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing 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 improvements in all countries.

January 21, 2003


EARL CLAUDE HELDER

_____, 2003

TIMOTHY DION RIGGS


_____, 2003

MARK LAWRENCE HUNT

_____, 2003

DANIEL JACOB GOERTZEN

January 21st, 2003


ROBERT JOHN HEEG

January 22, 2003


WENDY HOWARD MURPHY

STATE OF Ohio)
County of Hamilton) ss.

This 21st day of January, 2003, before me personally came the above-named **Earl Claude Helder**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: 9/29/03

K. Franks

KIM FRANKS
Notary Public, State of Ohio
No. 264102
Qualified in Butler County
Commission Expires September 29, 2003

STATE OF _____)
County of _____) ss.

This _____ day of _____, 2003, before me personally came the above-named **Timothy Dion Riggs**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

STATE OF _____)
County of _____) ss.

This _____ day of _____, 2003, before me personally came the above-named **Mark Lawrence Hunt**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

STATE OF _____)
County of _____) ss.

This _____ day of _____, 2003, before me personally came the above-named **Daniel Jacob Goertzen**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

STATE OF Ohio)
County of Hamilton) ss.

This 21st day of January, 2003, before me personally came the above-named **Robert John Heeg**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

K. Franks

KIM FRANKS
Notary Public, State of Ohio
No. 264102
Qualified in Butler County
Commission Expires September 29, 2003

STATE OF Ohio)
) ss.
County of Hamilton)

KIM FRANKS
Notary Public, State of Ohio
No. 264102
Qualified in Butler County
Commission Expires September 29, 2003

This 22nd day of January, 2003, before me personally came the above-named **Wendy Howard Murphy**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: 9/29/03

K. Franks

In consideration of One Dollar and other good and valuable consideration, of which we acknowledge receipt, we, EARL CLAUDE HELDER, 6744 Kenwood Road, Cincinnati, Ohio 45243; TIMOTHY DION RIGGS, 2825 Gill Field Road, Madisonville, Kentucky 42431; MARK LAWRENCE HUNT, 104 Creekside Court, Greenwood, South Carolina 29647; DANIEL JACOB GOERTZEN, 902 Hiawatha, Madisonville, Kentucky 42431; ROBERT JOHN HEEG, 810 Sabino Court, Cincinnati, Ohio 45231; and WENDY HOWARD MURPHY, 3261 Boxwood Circle, Cincinnati, Ohio 45241, sell and assign to GENERAL ELECTRIC COMPANY (hereinafter "COMPANY"), a New York Corporation, its successors and assigns the entire right, title and interest in and to the improvements in METHODS AND APPARATUS FOR FABRICATING A TURBINE ENGINE BLADE, invented by us, as described in the application for United States patent executed concurrently herewith, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions 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 improvements or 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 us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing 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 improvements in all countries.

_____, 2003

EARL CLAUDE HELDER

1-20 _____, 2003

Timothy Dion Riggs
TIMOTHY DION RIGGS

_____, 2003

MARK LAWRENCE HUNT

_____, 2003

DANIEL JACOB GOERTZEN

_____, 2003

ROBERT JOHN HEEG

_____, 2003

WENDY HOWARD MURPHY

STATE OF _____)
) ss.
County of _____)

This _____ day of _____, 2003, before me personally came the above-named **Earl Claude Helder**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

STATE OF Kentucky)
) ss.
County of Hopkins)

This 20th day of January, 2003, before me personally came the above-named **Timothy Dion Riggs**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: 11/1/2004 Jean Bourland

STATE OF _____)
) ss.
County of _____)

This _____ day of _____, 2003, before me personally came the above-named **Mark Lawrence Hunt**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

STATE OF _____)
) ss.
County of _____)

This _____ day of _____, 2003, before me personally came the above-named **Daniel Jacob Goertzen**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

STATE OF _____)
) ss.
County of _____)

This _____ day of _____, 2003, before me personally came the above-named **Robert John Heeg**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

STATE OF _____)
) ss.
County of _____)

This _____ day of _____, 2003, before me personally came the above-named **Wendy Howard Murphy**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

In consideration of One Dollar and other good and valuable consideration, of which we acknowledge receipt, we, **EARL CLAUDE HELDER**, 6744 Kenwood Road, Cincinnati, Ohio 45243; **TIMOTHY DION RIGGS**, 2825 Gill Field Road, Madisonville, Kentucky 42431; **MARK LAWRENCE HUNT**, 104 Creekside Court, Greenwood, South Carolina 29647; **DANIEL JACOB GOERTZEN**, 902 Hiawatha, Madisonville, Kentucky 42431; **ROBERT JOHN HEEG**, 810 Sabino Court, Cincinnati, Ohio 45231; and **WENDY HOWARD MURPHY**, 3261 Boxwood Circle, Cincinnati, Ohio 45241, sell and assign to **GENERAL ELECTRIC COMPANY** (hereinafter "COMPANY"), a New York Corporation, its successors and assigns the entire right, title and interest in and to the improvements in **METHODS AND APPARATUS FOR FABRICATING A TURBINE ENGINE BLADE**, invented by us, as described in the application for United States patent executed concurrently herewith, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions 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 improvements or 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 us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing 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 improvements in all countries.

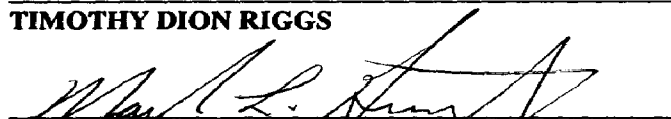
_____, 2003

EARL CLAUDE HELDER

_____, 2003

TIMOTHY DION RIGGS

1/20_____, 2003


MARK LAWRENCE HUNT

_____, 2003

DANIEL JACOB GOERTZEN

_____, 2003

ROBERT JOHN HEEG

_____, 2003

WENDY HOWARD MURPHY

STATE OF _____)
) ss.
County of _____)

This _____ day of _____, 2003, before me personally came the above-named **Earl Claude Helder**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

STATE OF _____)
) ss.
County of _____)

This _____ day of _____, 2003, before me personally came the above-named **Timothy Dion Riggs**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

STATE OF SOUTH CAROLINA)
) ss.
County of GREENWOOD)

This 20 day of JANUARY, 2003, before me personally came the above-named **Mark Lawrence Hunt**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____ ~~My Commission Expires December 7th, 2010~~

STATE OF _____)
) ss.
County of _____)

This _____ day of _____, 2003, before me personally came the above-named **Daniel Jacob Goertzen**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

STATE OF _____)
) ss.
County of _____)

This _____ day of _____, 2003, before me personally came the above-named **Robert John Heeg**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

STATE OF _____)
) ss.
County of _____)

This _____ day of _____, 2003, before me personally came the above-named **Wendy Howard Murphy**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

In consideration of One Dollar and other good and valuable consideration, of which we acknowledge receipt, we, **EARL CLAUDE HELDER**, 6744 Kenwood Road, Cincinnati, Ohio 45243; **TIMOTHY DION RIGGS**, 2825 Gill Field Road, Madisonville, Kentucky 42431; **MARK LAWRENCE HUNT**, 104 Creekside Court, Greenwood, South Carolina 29647; **DANIEL JACOB GOERTZEN**, 902 Hiawatha, Madisonville, Kentucky 42431; **ROBERT JOHN HEEG**, 810 Sabino Court, Cincinnati, Ohio 45231; and **WENDY HOWARD MURPHY**, 3261 Boxwood Circle, Cincinnati, Ohio 45241, sell and assign to **GENERAL ELECTRIC COMPANY** (hereinafter "COMPANY"), a New York Corporation, its successors and assigns the entire right, title and interest in and to the improvements in **METHODS AND APPARATUS FOR FABRICATING A TURBINE ENGINE BLADE**, invented by us, as described in the application for United States patent executed concurrently herewith, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions 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 improvements or 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 us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing 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 improvements in all countries.

_____, 2003

EARL CLAUDE HELDER

_____, 2003

TIMOTHY DION RIGGS

_____, 2003

MARK LAWRENCE HUNT

01/20 _____, 2003


DANIEL JACOB GOERTZEN

_____, 2003

ROBERT JOHN HEEG

_____, 2003

WENDY HOWARD MURPHY

STATE OF _____)
) ss.
County of _____)

This _____ day of _____, 2003, before me personally came the above-named **Earl Claude Helder**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

STATE OF _____)
) ss.
County of _____)

This _____ day of _____, 2003, before me personally came the above-named **Timothy Dion Riggs**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

STATE OF _____)
) ss.
County of _____)

This _____ day of _____, 2003, before me personally came the above-named **Mark Lawrence Hunt**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

STATE OF Kentucky)
) ss.
County of Hopkins)

This 20th day of January, 2003, before me personally came the above-named **Daniel Jacob Goertzen**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: 11/1/2004 Jean Bourland

STATE OF _____)
) ss.
County of _____)

This _____ day of _____, 2003, before me personally came the above-named **Robert John Heeg**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____

STATE OF _____)
) ss.
County of _____)

This _____ day of _____, 2003, before me personally came the above-named **Wendy Howard Murphy**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires: _____