FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)	RECOR	02-	1 1	-2003	ΞET	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Z-3-03	D					
To the Honorable Commission	or of Datanta and				original docum	nents or copy thereof.
	er or Patents and	Hauemana.		Name and address of		
Name of conveying party(ies): Fast Claude Holder: Timethy Dien	Digge: Mark Law	ropeo Hunt:	۷.	Name: General Electri		or de la company
Earl Claude Helder; Timothy Dion Daniel Jacob Goertzen; Robert John Murphy				Internal Address:	<u>c Company</u>	5709 5709 5709
Additional name(s) of conveying party(ies) attack	ched ☐ Yes 🗵 No			memai Address.		10/
				Street Address: 1 Rive	er Road	t = 1
Nature of conveyance:				01/000/10000. <u>111/10</u>	/ Noud	
	☐ Merge			City: Schenectady St	tate: NY ZIP: 1	12345
☐ Security Agreement	☐ Chang	e of Name		-		
☐ Other						
Execution Date: 1/1/03; 1/20/03; 1/20/03; 1/20/03, respectively	0/03; 1/20/03; 1/2	<u>1/03;</u>		Additional name(s) & addres	s(es) attached?	Yes 🗓 No
4. Application number(s) or patent n	umber(s):					
If this document is being filed toge 1/20/03; 1/21/03; 1/22/03, respect	ether with a new a tively	application, the	exe	ecution date of the appl	lication is: <u>1/21</u>	/03; 1/20/03; 1/20/03;
A. Patent Application No.(s)			В.	Patent No.(s)	357	099
	Additio	nal numbers attac	hed?	Yes 🗓 No		,
Name and address of party to who concerning document should be r		ice	6.	Total number of applic	cations and pate	ents involved: 1
Name: John S. Beulick			7.	Total fee (37 CFR 3.4	1)	\$ <u>40.00</u>
			☐ Enclosed			
Internal Address: <u>Armstrong Teasdale, LLP.</u>				☑ Authorized to be ch	narged to depos	sit account
Street Address: One Metropolitan	Sq. Suite 2600		-	Donosit account numb	oor:	
City: St. Louis State: MO ZIP: 63102		0.	Deposit account numb	Jei.		
Oity. Ott. Louis Otato. Wo Zii .	00102			(Attach duplicate copy of this	s nage if paying by	deposit account)
	<			Carried Sopy of the		,
02/11/2003 EC00PER 00000057 012384	10357099	DO NOT US	E TH	IIS SPACE		
9. Statement and signature. To the best of my knowledge and original document. Robert B. Reeser, III Name of Person Signing	belief, the forego	AA	n is			ebruary 3, 2003
g	Total number of page	\ '\		t, attachments, and documen	ıt: 13	
Mail d				uired cover sheet inf		

Attorney's Docket No. 125396

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 2/, 2003	Teule, Hell
, 2003	EARL CLAUDE HELDER
2002	TIMOTHY DION RIGGS
, 2003	MARK LAWRENCE HUNT
	DANIEL JACOB GOERTZEN
January 21 5 , 2003	ROBERT JOHN HEECH
January 22, 2003	Wandy Howard Murphy WENDY HOWARD MURPHY

STATE OF ON (B)	
County of Hamilton) ss.	
This 21 day of January, 20 Claude Helder, to me personally known as the acknowledged to me that he executed the same of his	
My Commission Expires: 9/>1/03	K frumer
STATE OF)) ss. County of)	KIM FRANKS Notary Public, State of Ohlo No. 264102 Qualified in Butler County Commission Expires September 29, 2003
This day of , 200	3, before me personally came the above-named Timothy dividual who executed the foregoing assignment, who own free will for the purposes therein set forth.
My Commission Expires:	
STATE OF) ss. County of)	
This day of, 20 Lawrence Hunt, to me personally known as the acknowledged to me that he executed the same of his	03, before me personally came the above-named Mark individual who executed the foregoing assignment, who own free will for the purposes therein set forth.
My Commission Expires:	
STATE OF)) ss. County of)	
This day of , 20	03, before me personally came the above-named Daniel individual who executed the foregoing assignment, who own free will for the purposes therein set forth.
My Commission Expires:	
STATE OF) ss. County of Harnilton)	
This 215tday of January, 20 John Heeg, to me personally known as the in acknowledged to me that he executed the same of his	
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.	KIM FRANKS Notary Public, State of Ohio No. 264102
County of Hamilton	Qualified in Butler County Commission Expires September 29, 2003
This 22 nd day of January, 2003 Howard Murphy, to me personally known as the in acknowledged to me that he executed the same of his or	, before me personally came the above-named Wendy individual who executed the foregoing assignment, who will for the purposes therein set forth.
My Commission Expires: 4/24/03	L' franks

3

Attorney's Docket No. 125396

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
/-20 , 2003	Timothy Sign Riggs
, 2003	MARK LAWRENCE HUNT
, 2003	DANIEL JACOB GOERTZEN
, 2003	ROBERT JOHN HEEG
, 2003	WENDY HOWARD MURPHY

STATE OF)
County of) ss.
This
My Commission Expires:
STATE OF Kentucky) County of Hopkins State OF Kentucky State OF Ken
· ·
This 20 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 112004 Fam Bourland
STATE OF)) ss. County of)
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)
County of)
Thisday 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) ss.
This day of , 2003, before me personally came the above-named Robert
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		,
County of) ss.)
Howard Murphy,	, to me personal	, 2003, before me personally came the above-named Wendy ly known as the individual who executed the foregoing assignment, who dethe same of his own free will for the purposes therein set forth.
My Commission E	xnires:	

Attorney's Docket No. 125396

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	WIN COMPLY DION DICCO
1/20 ,2003	TIMOTHY DION RIGGS MARK LAWRENCE HUNT
, 2003	DANIEL JACOB GOERTZEN
, 2003	ROBERT JOHN HEEG
, 2003	WENDY HOWARD MURPHY

STATE OF)
County of) ss.)
	, 2003, before me personally came the above-named Earl nally known as the individual who executed the foregoing assignment, who
	ecuted the same of his own free will for the purposes therein set forth.
My Commission Expires:	
STATE OF)
County of) ss.
County of	,
Dion Riggs, to the personan	y known as the individual who executed the foregoing assignment, who exuted the same of his own free will for the purposes therein set forth.
My Commission Expires:	
STATE OF SOUTH CAROLE	<u></u>
County of GRECHWOOD) ss. `
County of Species of the	 '
Lawrence Hunt, to me person	nally known as the individual who executed the foregoing assignment, who extend the same of his own free will for the purposes therein set forth.
My Commission Expires:	My Commission Expires December 7th, 2010
STATE OF)
County of) ss.
County of	,
Jacob Goertzen, to me person	, 2003, before me personally came the above-named Daniel nally known as the individual who executed the foregoing assignment, who cuted the same of his own free will for the purposes therein set forth.
My Commission Expires:	
STATE OF)
County of) ss.
County of)
	, 2003, before me personally came the above-named Robert
	known as the individual who executed the foregoing assignment, who cuted the same of his own free will for the purposes therein set forth.
My Commission Expires	Farkeass marantassan

STATE	OF		_)
~) ss.
County	of		_)
	This	day of	, 2003, before me personally came the above-named Wendy
			lly known as the individual who executed the foregoing assignment, who
acknow	ledged to m	ne that he execut	ed the same of his own free will for the purposes therein set forth.
My Cor	mmission E	xpires:	
,			

Attorney's Docket No. 125396

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	Danier Jacob GOERTEEN
	_, 2003	ROBERT JOHN HEEG
	_, 2003	WENDY HOWARD MURPHY

STATE OF)
) ss. County of)
Thisday of, 2003, before me personally came the above-named Ear 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)
County of)
Thisday 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, 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 County of Hookins Ss.
This day of <u>January</u> , 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.
STATE OF)) ss. County of) 2002 before me nemerally same the shows named Pobert
Thisday 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		
County of) ss.)
		, 2003, before me personally came the above-named Wendy ly known as the individual who executed the foregoing assignment, who determined the same of his own free will for the purposes therein set forth.
My Commission	Expires:	

RECORDED: 02/03/2003