

08-09-1999

101112142

3T

Our Ref.: 24-NT-05835CIP (1585-233)

Commissioner of Patents and Trademarks Box Assignment, Washington, D.C. 20231 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): John F. Schardt Sten O. Akerlund Robert A. Rand Robert B. Elkins General Electric Company Name: Roland O. Jackson Peter J. Savoia Internal Address: Street Address: One River Road Anthony P. Reese Cary L. Kunz Russell E. Stachowski Russell M. Fawcett Additional name/s of conveying party/ies attached? 3. Nature of conveyance: City: Schenectady State/Country: New York ☐ Change of Name Zip: 12345 ☐ Security Assignment Other Execution Date: 6/3/99; 7/28/99; 7/26/99; 6/1/99; 6/28/99; Additional name/s & address/es attached? ☐ Yes ☒ No 7/20/99; 7/7/99; 5/25/99 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). B. (1) 09/285,676 (1)(2) (2) (3) (3)Additional numbers attached ☐ Yes ☒ No 5. Name and address of party to whom correspondence 6. Total number of applications & patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41) 40.00 Wayne O. Traynham M Enclosed Name: Authorized to be charged to deposit account #14-1140 Internal Address: Senior Intellectual Property Counsel 8. The Commissioner is hereby authorized to charge any GE Industrial Control Systems GE Electric Company Street Address: 1635 Broadway deficiency in the fee(s) filed, or asserted to be filed, or which P.O. Box 2204 should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. City: Ft. Wayne State: Zip: 46801-2204 14-1140. DO NOT USE THIS SPACE 9. Statements 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. Richard G. Besha Name of Person Signing Reg. No. 22,770 Total number of pages including original cover sheet, attachments, and document: [29]

PATENT

358508

REEL: 010143 FRAME: 0076

ASSIGNMENT

WHEREAS, Sten O. Akerlund, Robert A. Rand, Roland O. Jackson, Anthony P. Reese, Russell M. Fawcett, John F. Schardt, Robert B. Elkins, Peter J. Savoia, Cary L. Kunz and Russell E. Stachowski, (hereinafter ASSIGNORS) of 4201 Greens Perry Court, Wilmington, North Carolina 28409; 5600 Surrey Downs Court, Wilmington, North Carolina 28403; 702 Hollingsworth Drive, Wilmington, North Carolina 28412; 2108 Boatswain Place, Wilmington, North Carolina 28405, 609 Hollingsworth Drive, Wilmington, North Carolina 28412; 6600 Pleasant Pines Ct., Wilmington, North Carolina 28403; 8812 Sawmill Creek Lane, Wilmington, North Carolina 28405; 1325 Lovingston Lane, Wilmington, North Carolina 28409; 3204 Bougainvillea Way, Wilmington, North Carolina 28409; 60 Harvey Terrace, Fremont, California 94536, respectively. have invented a certain improvement in NUCLEAR FUEL BUNDLE HAVING DIFFERENT PEAK POWER LIMITS for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on April 5, 1999 and assigned Serial No. 09/285,676;

WHEREAS, General Electric Company (hereinafter ASSIGNEE), a corporation of the State of New York, having an office and place of business at 1 River Road, Schenectady, New York, 12345 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and

PATENT

transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the full and exclusive right to the said invention in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives.

And, ASSIGNORS hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

Agreeing, further, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

- 2 -

AGREED and executed as noted below:

Date: July 28, 1999 Star O. Aberland

State of North ChroLina)
City of WILMINGTON)
This <u>28</u> day of <u>ういとイ</u> , 1999, before me personally came the above
named STEN O. AKERLUND, 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 set forth therein. JAMES E. McGINNESS Notary Public, State of North Carolina New Hanover County My Commission Expires My Commission Expires
My Commission Expires 1/23/2001
Date: July 26, 1999 Robert A. Rand ROBERT A. RAND
State of North Caroline)
City of Wil many time)
This 26 day of $50cy$, 1999, before me personally came the above
named ROBERT A. RAND, 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 set forth therein. JAMES E. McGINNESS Notary Public, State of North Carolina New Hanover County My Commission Expires My Commission Expires

Date:	July	26, 191	<u></u>	ROLAND	O. JACKS	Jadys- ON
State of λ	orth Caroba))				
City of	W:/ mington)				
named ROL the foregoin	AND O. JACk g assignment,		rsonally dged to	known as	the individu	came the above al who executed ne same of his
My Commiss	Notary Pu	MES E. McGINNESS blic, State of North Conty lew Hanover County lision Expires		Jung.	2906 Notary Pub	olic
	r= 1 19			ANTHONY	P. REESE	eu_
	. A Carolina)				
City of W.	lains ten	;				
This _		of <u> </u>				
		who acknowled	_			
		ses set forth the	_	me that he	executed th	e same of this
		JAMES E. McC Notary Public, State of New Hanover My Commision Expires	GINNESS f North Ca Coupty	7 7	M(Notary Pub	·····s

My Commission Expires _____

333710

Date: June 28, 1999 RUSSELL M. FAWCETT
State of North Carolina)
State of North Carolina ? City of Wilmington)
This, day of
JAMES E. McGINNESS Notary Public, State of North Carolina New Hanover County My Commission Expires 1 23 206 (My Commission Expires
Date: 7/26/99 John F. SCHARDT
State of North Caroline)
State of North Carolina) : City of Wilmington)
This 26 day of 0000, 1999, before me personally came the above named JOHN F. SCHARDT, 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 set forth therein.
JAMES E. McGINNESS Notary Public, State of North Carolina Notary Public

PATENT

333710

REEL: 010143 FRAME: 0081

Date:	
	ROBERT B. ELKINS
State of)	
City of)	
This day of, 1999,	
named ROBERT B. ELKINS, to me personally kn	
the foregoing assignment, who acknowledged to	me that he executed the same of his
own free will for the purposes set forth therein.	
	Notary Public
My Commission Expires	
Date: 7/20/99	Peter Aturas
	PETER J. SAVOIA
State of North Careling)	
State of North Circling) City of Wilmington)	
This day of, 1999, named PETER J. SAVOIA, to me personally know	
foregoing assignment, who acknowledged to me to	that he executed the same of his own
free will for the purposes set forth therein.	
JAMES E. McGINNESS Notary Public, State of North Carolina New Hanover County My Commission Expires 1/23/200(Notary Public
My Commission Expires	<u> </u>

- 6 -

Date:		
		CARY L. KUNZ
State of)	
City of	;)	
	,	
This	day of	, 1999, before me personally came the above
named CARY L. KI	JNZ, to me personal	lly known as the individual who executed the
foregoing assignment	ent, who acknowledg	ged to me that he executed the same of his own
free will for the purp	poses set forth there	in.
		Notary Public
My Commission Ex	pires	
Date:		
		RUSSELL E. STACHOWSKI
State of)	
City of	:	
•	,	
This	day of	, 1999, before me personally came the above
named RUSSELL I	STACHOWSKI, to	me personally known as the individual who
executed the forego	oing assignment, wh	o acknowledged to me that he executed the
same of his own fre	ee will for the purpos	es set forth therein.
		Notary Public
My Commission Ex	pires	

- 7 -

ASSIGNMENT

WHEREAS, Sten O. Akerlund, Robert A. Rand, Roland O. Jackson, Anthony P. Reese, Russell M. Fawcett, John F. Schardt, Robert B. Elkins, Peter J. Savoia, Cary L. Kunz and Russell E. Stachowski, (hereinafter ASSIGNORS) of 4201 Greens Perry Court, Wilmington, North Carolina 28409; 5600 Surrey Downs Court, Wilmington, North Carolina 28403; 702 Hollingsworth Drive, Wilmington, North Carolina 28412; 2108 Boatswain Place, Wilmington, North Carolina 28405; 609 Hollingsworth Drive. Wilmington, North Carolina 28412; 6600 Pleasant Pines Ct., Wilmington, North Carolina 28403; 8812 Sawmill Creek Lane, Wilmington, North Carolina 28405; 1325 Lovingston Lane, Wilmington, North Carolina 28409; 3204 Bougainvillea Way, Wilmington, North Carolina 28409; 60 Harvey Terrace, Fremont, California 94536, respectively, have invented a certain improvement in NUCLEAR FUEL BUNDLE HAVING DIFFERENT PEAK POWER LIMITS for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on April 5, 1999 and assigned Serial No. 09/285,676;

WHEREAS, General Electric Company (hereinafter ASSIGNEE), a corporation of the State of New York, having an office and place of business at 1 River Road, Schenectady, New York, 12345 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and

transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the full and exclusive right to the said invention in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives.

And, ASSIGNORS hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

Agreeing, further, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

Date:		
-	STEN O. AKERLUND	

PATENT 333710
REEL: 010143 FRAME: 0085

State	of)		
City c	of)		
	This	_day of	, 1999,	before me personally came the above
name	d STEN O. AK	ERLUND, to me	personally k	nown as the individual who executed
the fo	regoing assigr	ment, who ackn	owledged to i	me that he executed the same of his
own f	ree will for the	purposes set for	th therein.	
				Notary Public
Му С	ommission Exp	oires		
Date:				DODEDT A DAND
				ROBERT A. RAND
State	of)		
City c	of)		
	This	day of	, 1999,	before me personally came the above
name	ed ROBERT A.	RAND, to me pe	ersonally know	wn as the individual who executed the
foreg	oing assignme	nt, who acknowle	edged to me t	that he executed the same of his own
free v	vill for the purp	oses set forth the	erein.	
				Notary Public
My C	ommission Exp	oires		

Date:		
		ROLAND O. JACKSON
State of)	
City of)	
This	day of	, 1999, before me personally came the above
named ROLANI	O. JACKSON, to r	ne personally known as the individual who executed
the foregoing as	signment, who ackr	lowledged to me that he executed the same of his
own free will for	the purposes set for	rth therein.
		Notary Public
My Commission	Expires	
Date:		
		ANTHONY P. REESE
State of)	
City of)	
This	day of	, 1999, before me personally came the above
named ANTHO	NY P. REESE, to me	e personally known as the individual who executed
the foregoing as	signment, who ackr	nowledged to me that he executed the same of his
own free will for	the purposes set fo	rth therein.
		Notary Public
My Commission	Expires	·

Date:		
		RUSSELL M. FAWCETT
State of)	
City of	,	
This	day of	, 1999, before me personally came the above
named RUSSEL	L M. FAWCETT, to	me personally known as the individual who
executed the for	egoing assignment,	who acknowledged to me that he executed the
same of his own	free will for the pur	poses set forth therein.
		Notary Public
My Commission	Expires	
•	·	
Date:		TOURIS COLLABOR
		JOHN F. SCHARDT
State of)	
City of)	
This	day of	, 1999, before me personally came the above
named JOHN F.	SCHARDT, to me	personally known as the individual who executed
the foregoing as	signment, who ackr	nowledged to me that he executed the same of his
own free will for	the purposes set fo	rth therein.
		Notary Public
M 0	Postaria.	
My Commission	⊏xpires	

Date: July 7, 1999	obert B. akins
State of Merch (arelina) City of Milveington)	OBERT B. ELRING
City of Hilmington)	
This day of, 1999, be	efore me personally came the above
named ROBERT B. ELKINS, to me personally know	
the foregoing assignment, who acknowledged to me	e that he executed the same of his
own free will for the purposes set forth therein.	,
A	Leigh Darbaur Notary Public
My Commission Expires	
Date:	PETER J. SAVOIA
State of)	
City of)	
This day of, 1999, be named PETER J. SAVOIA, to me personally known foregoing assignment, who acknowledged to me the free will for the purposes set forth therein.	as the individual who executed the
_	Notary Public
My Commission Expires	

Date:		
		CARY L. KUNZ
State of)	
City of)	
This day	of	, 1999, before me personally came the above
named CARY L. KUNZ, to	me personal	ly known as the individual who executed the
foregoing assignment, wh	o acknowledg	ed to me that he executed the same of his own
free will for the purposes	set forth therei	in.
		Notary Public
My Commission Expires _		
•		
Date:		
		RUSSELL E. STACHOWSKI
State of)	
City of	:	
,	,	
This day	of	, 1999, before me personally came the above
		me personally known as the individual who
		o acknowledged to me that he executed the
same of his own free will f	_	
	,	
		Notary Public
My Commission Expires _		

ASSIGNMENT

WHEREAS, Sten O. Akerlund, Robert A. Rand, Roland O. Jackson, Anthony P. Reese, Russell M. Fawcett, John F. Schardt, Robert B. Elkins, Peter J. Savoia, Cary L. Kunz and Russell E. Stachowski, (hereinafter ASSIGNORS) of 4201 Greens Perry Court, Wilmington, North Carolina 28409; 5600 Surrey Downs Court, Wilmington, North Carolina 28403: 702 Hollingsworth Drive, Wilmington, North Carolina 28412; 2108 Boatswain Place, Wilmington, North Carolina 28405; 609 Hollingsworth Drive, Wilmington, North Carolina 28412; 6600 Pleasant Pines Ct., Wilmington, North Carolina 28403: 8812 Sawmill Creek Lane, Wilmington, North Carolina 28405; 1325 Lovingston 7946 Grenezay Road EZM Lane, Wilmington, North Carolina 28409; 3204 Bougainvillea Way, Wilmington, North 78411 EZM Carolina 28409: 60 Harvey Terrace, Fremont, California 94536, respectively, have invented a certain improvement in NUCLEAR FUEL BUNDLE HAVING DIFFERENT PEAK POWER LIMITS for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on April 5, 1999 and assigned Serial No. 09/285,676;

WHEREAS, General Electric Company (hereinafter ASSIGNEE), a corporation of the State of New York, having an office and place of business at 1 River Road, Schenectady, New York, 12345 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and

transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the full and exclusive right to the said invention in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives.

And, ASSIGNORS hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

Agreeing, further, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

Date:	
	STEN O AKERI UND

- 2 -

State	of)		
City	of)		
	This	_ day of		, 1999,	before me personally came the above
name	ed STEN O. Al	KERLUND, to	o me pers	onally k	nown as the individual who executed
the fo	oregoing assig	nment, who	acknowled	lged to	me that he executed the same of his
own 1	free will for the	purposes se	et forth the	rein.	
					Notary Public
Му С	ommission Ex	pires			
Date:					DODEDT A DAND
					ROBERT A. RAND
State	of)		
City o	of)		
	This	_ day of		, 1999,	before me personally came the above
name	ed ROBERT A	. RAND, to m	ne persona	ally kno	wn as the individual who executed the
foreg	oing assignme	ent, who ackr	nowledged	to me	that he executed the same of his own
free v	vill for the purp	ooses set for	th therein.		
					Notary Public
Му С	ommission Ex	pires			

Date:		
		ROLAND O. JACKSON
State of)	
City of)	
This	_ day of	, 1999, before me personally came the above
named ROLAND C	. JACKSON, to me	e personally known as the individual who executed
the foregoing assig	nment, who ackno	wledged to me that he executed the same of his
own free will for the	purposes set fort	h therein.
		Notary Public
My Commission Ex	pires	
Date:		
		ANTHONY P. REESE
State of)	
City of)	
This	day of	, 1999, before me personally came the above
named ANTHONY	P. REESE, to me	personally known as the individual who executed
the foregoing assig	nment, who ackno	owledged to me that he executed the same of his
own free will for the	purposes set fort	h therein.
		Notary Public
My Commission Ex	(pires	

Date:		
		RUSSELL M. FAWCETT
State of)	
City of)	
This	day of	, 1999, before me personally came the above
named RUSSEL	L M. FAWCETT, to r	me personally known as the individual who
executed the for	regoing assignment, v	who acknowledged to me that he executed the
same of his <mark>ow</mark> n	free will for the purp	oses set forth therein.
		Notary Public
My Commission	Expires	
Date:		JOHN F. SCHARDT
State of)	
City of	·)	
This	day of	, 1999, before me personally came the above
		ersonally known as the individual who executed
	•	owledged to me that he executed the same of his
	the purposes set fort	•
	ine purposes section	in therein.
		Notary Public
My Commission	Evniros	, -

Date:		ROBERT B. ELKINS
State of)	
City of	;	
named ROBERT B. ELKINS, t	to me pe o acknov	, 1999, before me personally came the above ersonally known as the individual who executed wledged to me that he executed the same of his therein.
		Notary Public
My Commission Expires		
Date:		PETER J. SAVOIA
State of)	
City of	;	
	knowled	, 1999, before me personally came the above conally known as the individual who executed the ged to me that he executed the same of his own ein.
		Notary Public
My Commission Expires		

Date:May 25, 1999	CARY L. KUNZ
State of North Carolina)	
State of North Carolina) : City of Wilmington)	
This <u>25</u> day of <u>U4</u> , 1999, named CARY L. KUNZ, to me personally known a	as the individual who executed the
foregoing assignment, who acknowledged to me t	that he executed the same of his own
ree will for the purposes set forth therein.	
JAMES E. McGINNESS Notary Public, State of North Ca New Hanover County My Commission Expires 1/2 My Commission Expires	
Date:	RUSSELL E. STACHOWSKI
State of) ,	
City of)	
This day of, 1999, named RUSSELL L. STACHOWSKI, to me perso executed the foregoing assignment, who acknowle same of his own free will for the purposes set fort	nally known as the individual who ledged to me that he executed the
	Notary Public
My Commission Expires	

ASSIGNMENT

WHEREAS, Sten O. Akerlund, Robert A. Rand, Roland O. Jackson, Anthony P. Reese, Russell M. Fawcett, John F. Schardt, Robert B. Elkins, Peter J. Savoia, Cary L. Kunz and Russell E. Stachowski, (hereinafter ASSIGNORS) of 4201 Greens Perry Court, Wilmington, North Carolina 28409; 5600 Surrey Downs Court, Wilmington, North Carolina 28403; 702 Hollingsworth Drive, Wilmington, North Carolina 28412; 2108 Boatswain Place, Wilmington, North Carolina 28405; 609 Hollingsworth Drive, Wilmington, North Carolina 28412; 6600 Pleasant Pines Ct., Wilmington, North Carolina 28403; 8812 Sawmill Creek Lane, Wilmington, North Carolina 28405; 1325 Lovingston Lane, Wilmington, North Carolina 28409; 3204 Bougainvillea Way, Wilmington, North Carolina 28409; 60 Harvey Terrace, Fremont, California 94536, respectively, have invented a certain improvement in NUCLEAR FUEL BUNDLE HAVING DIFFERENT PEAK POWER LIMITS for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on April 5, 1999 and assigned Serial No. 09/285,676;

WHEREAS, General Electric Company (hereinafter ASSIGNEE), a corporation of the State of New York, having an office and place of business at 1 River Road, Schenectady, New York, 12345 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and

PATENT
REEL: 010143 FRAME: 0098***

transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the full and exclusive right to the said invention in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives.

And, ASSIGNORS hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

Agreeing, further, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

Date:	
	STEN O. AKERLUND

State of)		
City of)		
This	day of		_, 1999, I	pefore me personally came the above
named STEN C	. AKERLUND, t	o me pers	sonally kr	nown as the individual who executed
the foregoing as	ssignment, who	acknowle	dged to r	ne that he executed the same of his
own free will for	the purposes se	et forth the	erein.	
				Notary Public
My Commission	Expires			
Date:				
				ROBERT A. RAND
State of)		
City of)		
This	day of		_, 1999, b	efore me personally came the above
named ROBER	ΓA. RAND, to m	e person	ally know	n as the individual who executed the
foregoing assign	ment, who ackn	owledged	i to me th	at he executed the same of his own
free will for the p	urposes set fort	h therein.		
				Notary Public
My Commission	Expires			

Date:					
		ROLAND O. JACKSON			
State of)				
City of	;)				
named ROLAND O	. JACKSON, to me	, 1999, before me personally came the above personally known as the individual who executed ledged to me that he executed the same of his therein.			
		Notary Public			
My Commission Ex	pires				
Date:		ANTHONY P. REESE			
State of)				
City of)				
This, 1999, before me personally came the above named ANTHONY P. REESE, 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 set forth therein.					
		Notary Public			
My Commission Exp	oires				

Date:			RUSSELL M. FAWCETT
			NOODELE W. 17WOLTT
State of)	
City of)	
Thie	day of		1999, before me personally came the above
			rsonally known as the individual who
			cknowledged to me that he executed the
same of his own			
			Notary Public
My Commission [Expires		
Date:			
			JOHN F. SCHARDT
State of)	
City of		:)	
,		,	
This	day of		1999, before me personally came the above
			lly known as the individual who executed
he foregoing assi	gnment, who ac	knowledg	ed to me that he executed the same of his
own free will for th	e purposes set f	forth there	ein.
			Notary Public
Av Commission F	ynires		,

Date:			ROBERT B. ELKINS
Ctata of		,	
State of) :	
City of)	
This	day of		, 1999, before me personally came the above
			rsonally known as the individual who executed
			rledged to me that he executed the same of his
own free will for	•		
	• •		
			Notary Public
My Commission	Expires		
Date:			
			PETER J. SAVOIA
State of)	
City of		:)	
This	day of		, 1999, before me personally came the above
named PETER J	. SAVOIA, to r	ne perso	nally known as the individual who executed the
foregoing assigni	ment, who ack	nowledg	ed to me that he executed the same of his own
ree will for the pu	urposes set fo	rth therei	in.
			Notary Public
My Commission [Expires		

Date:	
	CARY L. KUNZ
State of)	
City of)	
	999, before me personally came the above
named CARY L. KUNZ, to me personally known	own 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 set forth therein.	
	Notary Public
My Commission Expires	
Date: June 3, 1999	RUSSELL E. STACHOWSKI
State of Swiss confederation Canton and City of Zurich Consular agency of the	
City of UNITED STATES OF AMERICA	
This, 19	999, before me personally came the above personally known as the individual who
executed the foregoing assignment, who ack	nowledged to me that he executed the
same of his own free will for the purposes set	t forth therein.
	Notary Public Ellen Bruckmann U.S. Consular Agent
My Commission Expires	V. C. Consula Agen

- 7 -

RECORDED: 08/02/1999