

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee name and address previously recorded on Reel 016712 Frame 0143. Assignor(s) hereby confirms the Assignment.												
CONVEYING PARTY DATA													
<table border="1"><tr><th>Name</th><th>Execution Date</th></tr><tr><td>ElkCorp</td><td>05/31/2005</td></tr></table>	Name	Execution Date	ElkCorp	05/31/2005									
Name	Execution Date												
ElkCorp	05/31/2005												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Torgo Ltd.</td></tr><tr><td>Street Address:</td><td>Wilco Building, Suite 2000</td></tr><tr><td>Internal Address:</td><td>415 West Wall Street</td></tr><tr><td>City:</td><td>Midland</td></tr><tr><td>State/Country:</td><td>TEXAS</td></tr><tr><td>Postal Code:</td><td>79701</td></tr></table>	Name:	Torgo Ltd.	Street Address:	Wilco Building, Suite 2000	Internal Address:	415 West Wall Street	City:	Midland	State/Country:	TEXAS	Postal Code:	79701	
Name:	Torgo Ltd.												
Street Address:	Wilco Building, Suite 2000												
Internal Address:	415 West Wall Street												
City:	Midland												
State/Country:	TEXAS												
Postal Code:	79701												
PROPERTY NUMBERS Total: 1													
<table border="1"><tr><th>Property Type</th><th>Number</th></tr><tr><td>Patent Number:</td><td>4889545</td></tr></table>	Property Type	Number	Patent Number:	4889545									
Property Type	Number												
Patent Number:	4889545												
CORRESPONDENCE DATA													
Fax Number: (214)978-3099 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 2149783000													
Email: kalina.k.hulshouser@bakernet.com													
Correspondent Name: William D. McSpadden													
Address Line 1: 2001 Ross Avenue													
Address Line 2: Suite 2300													
Address Line 4: Dallas, TEXAS 75201													
ATTORNEY DOCKET NUMBER:	24170759.17												
NAME OF SUBMITTER:	William B. McSpadden												
Total Attachments: 35													

CH 4889545 \$40.00

500080949

PATENT
REEL: 017215 FRAME: 0001

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PATENT ASSIGNMENT

Electronic Version v08

Stylesheet Version v02

11/01/2005
800022005

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name	Execution Date
ELKCORP	2005-05-31

RECEIVING PARTY DATA

Name	Street Address	Internal Address	City	State/Country	Postal Code
ORTLOFF ENGINEERS, LTD.	14911 QUORUM DRIVE, SUITE 600		DALLAS	TEXAS	75254

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number	4889545

CORRESPONDENCE DATA

FAX NUMBER: 2149783099

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 023562

NAME OF PERSON SIGNING:

BRIAN C MCCORMACK

DATE SIGNED:

2005-11-01

Total Attachments: 28

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**UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

HYDROCARBON GAS PROCESSING

Submission Type: Patent Assignment

Application Number: 07/275102

07/275102

EFS ID: 95941

Server Response:

Confirmation Code	Message
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application
ICON1	9057
USPTOEFSNotice	For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/

First Named Applicant: ROY CAMPBELL

Attorney Docket Number: 24170759.17

Timestamp: 2005-11-01 15:11:03 EDT

From: us

File Listing:

Doc. Name	File Name	Size (Bytes)
us-assignment	ElkTorgo4889545-usassn.xml	4104
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us-assignment	us-assignment.dtd	11123
us-assignment	Assignment_Page_01.tif	1053954
us-assignment	Assignment_Page_02.tif	1053954
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package-data	us-package-data.xsl	19263
Total files size		29629744

Message Digest: a50b525b632c033b1b4775d84485f2638aaa60e5
 Digital Certificate Holder Name: cn=Brian Charles McCormack,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

ASSIGNMENT

This ASSIGNMENT (this "Assignment") is made and entered into effective this 31st day of May, 2005, by and among ElkCorp, a Delaware corporation with an address at 14911 Quorum Drive, Suite 600, Dallas, Texas 75254 ("Assignor"), OEL, Ltd., d.b.a. "Ortloff Engineers, Ltd.", a Nevada corporation with an address at 14911 Quorum Drive, Suite 600, Dallas, Texas 75254 ("Company"), and Torgo Ltd., a Texas limited partnership with offices at Wilco Building, Suite 2000, 415 West Wall Street, Midland, Texas 79701 ("Assignee").

WHEREAS, Assignor is or may be the owner or co-owner of all right, title and interest in and to the patent applications and patents identified on *Schedule A* to this Assignment and the inventions covered thereby, and any reissuances, continuations, continuations-in-part, divisionals, and reexaminations thereof, and any patents that may be issued or resulting from such patent applications (collectively, the "Patent Rights"); and

WHEREAS, (a) Assignor desires to assign and transfer to the Company, (b) the Company desires to assign and transfer to the Assignee, and (c) Assignee desires to receive and acquire from Assignor, through the Company, and the Company all of Assignor's and the Company's right, title and interest in and to the Patent Rights.

NOW, THEREFORE, in consideration of the foregoing, the receipt herewith of ten United States Dollars (US\$10.00), and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby assign, sell, transfer and set over to the Company, and the Company does hereby assign, sell, transfer and set over to Assignee, its successors, legal representatives and assigns, all of Assignor's and Company's right, title and interest in and to the Patent Rights, the same to be held and enjoyed by Assignee, its successors and assigns as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made, and including the rights to file any patent application and obtain any patent anywhere in the world relating to the Patent Rights.

Assignor shall cause, and hereby authorizes, the Commissioner of Patents of the United States Patent and Trademark Office to record Assignee as the owner of the U.S. patent applications and patents set forth on *Schedule A* of this Assignment, and any patent or patents resulting from such U.S. patent applications, and to issue any letters patent and certificates of registration or recordation, present, pending or future, for such patent application, patent or patents resulting therefrom, and any other patent application and patent included in the Patent Rights.

Except to the extent that federal law preempts state law with respect to the matters covered by this Assignment, this Assignment is governed by the laws of the State of Texas, United States of America, without regard to any conflict of laws provisions that may require the application of any other law.

Assignor and Assignee have caused this Assignment to be executed as of the day and year first written above.

[Remainder of Page Intentionally Left Blank]

ASSIGNOR

ELKCORP

Richard A. Nowak
Name: Richard A. Nowak
Title: President and
Chief Operating Officer

ASSIGNEE

TORGO, LTD.

By: Meadows Acquisitions GP, LLC

Craig Campbell
Name: Craig A. Campbell
Title: PRESIDENT

COMPANY

OEL, Ltd., d.b.a. "Ortloff Engineers, Ltd."

Richard A. Nowak
Name: Richard A. Nowak
Title: Vice Chairman

State of Texas)
) ss:
County of Dallas)

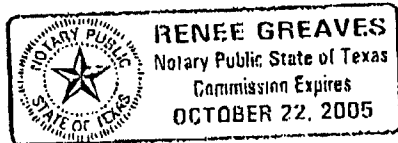
On this 31st day of May, 2005, before me, Renee Greaves, personally appeared Richard A. Nowak, President and Chief Operating Officer of ElkCorp, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.



Notary Public

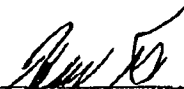
(SEAL)



State of Texas)
) ss:
County of Dallas)

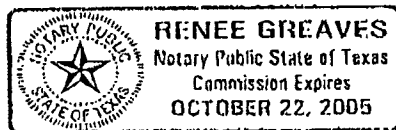
On this 31st day of May, 2005, before me, Renee Greaves, personally appeared Richard A. Nowak, Vice Chairman of OEL, Ltd., d.b.a. "Orloff Engineers, Ltd.", personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.



Notary Public

(SEAL)



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Do NOT distribute this report to Clients!

Patent Application/Award Status
(includes pending applications and expired/abandoned patents)

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
F22278 / MULTI-STAGE TURBOEXPANDER (MTP)												
	278,342	10/3/79	ARGENTINA	8/14/81	223,351	8/14/1991				☐	>	EXPIRED
	238,021	10/21/75	CANADA	11/22/77	1,021,254	11/22/1994				☐	>	EXPIRED
	680-79	10/16/79	CHILE	12/29/82	33,298	12/6/1994				☐	>	EXPIRED
	43221/75	10/21/75	GREAT BRITAIN	9/28/77	1,475,475	10/21/1991				☐	>	EXPIRED
										☐		EXPIRED
										☐	>	EXPIRED
	2,017-78	11/1/78	VENEZUELA	6/1/87	45,152	12/6/1994				☒	>	ABANDONED 5/25/95
F22875 / LIQUID SUBCOOLING (LSP)												
	278,343	10/3/79	ARGENTINA	8/14/81	223,352	8/14/1991				☐	>	EXPIRED
			BAHRAIN	8/30/82	BP 628	8/30/1998				☒	>	ABANDONED 7/97
	271,357	2/8/77	CANADA	10/24/78	1,041,003	10/24/1995				☐	>	EXPIRED
	625-79	10/1/79	CHILE	9/10/82	33,104	1/26/1997				☐	>	EXPIRED
	728,962	10/4/76	GREAT BRITAIN	2/21/79	1,532,336	4/20/1997				☐	>	EXPIRED
	19637	1/26/77	IRAN	11/26/77	18,072	1/26/1997				☒	>	ABANDONED 2/24/86
	228/82		MALAYSIA	2/21/79	1,532,336	4/20/1997				☐	>	EXPIRED
	772057	6/13/77	NORWAY	6/13/77	146,553	6/13/1997				☒	>	ABANDONED 5/95
	998/32296		SINGAPORE	4/20/77	48/82	4/20/1997				☒	>	ABANDONED 3-1-96
	16398/77		TRINIDAD AND TOBAGO	4/20/77	12/82	4/20/1997				☐	>	EXPIRED
										☐	>	EXPIRED
	938	5/20/77	VENEZUELA	2/28/79	38,034	2/28/1989				☐	>	EXPIRED
F22908 / VAPOR ENRICHED (VEP)												
	278,344	10/3/79	ARGENTINA	10/31/83	229,668	10/31/1993				☐	>	EXPIRED
			BAHRAIN	8/18/82	BP 623	8/18/1998				☒	>	ABANDONED 7/97
	271,343	2/8/77	CANADA	2/13/79	1,048,397	2/13/1996				☐	>	EXPIRED
	623-79	10/1/79	CHILE	3/23/81	32,155	3/23/1996				☐	>	EXPIRED
	16399/77	4/20/77	GREAT BRITAIN	2/21/79	1,532,335	4/20/1997				☒	>	ABANDONED 3/1/96
	19636	1/26/77	IRAN	11/26/77	18,071	1/26/1997				☒	>	ABANDONED 2/24/86
	229/82		MALAYSIA	2/21/79	1,532,335	4/20/1997				☐	>	EXPIRED
	772058	6/13/77	NORWAY	10/20/82	146,554	6/13/1997				☒	>	ABANDONED 5/95
	998/32297		SINGAPORE	4/20/77	49/82	4/20/1997				☒	>	ABANDONED 3-1-96
	1,532,334		TRINIDAD AND TOBAGO	4/20/77	13/82	4/20/1997				☐	>	EXPIRED
										☐	>	EXPIRED
	939	5/20/77	VENEZUELA	3/2/79	38,043	3/2/1989				☐	>	EXPIRED
F22914 / VAPOR TURNBACK (VTP)												
	278,345	10/3/79	ARGENTINA	8/31/84	231,022	8/31/1994				☐	>	EXPIRED
			BAHRAIN	8/24/82	BP 627	8/24/1998				☒	>	ABANDONED 7/97
	217,359	2/8/77	CANADA	2/13/79	1,048,398	2/13/1996				☐	>	EXPIRED
	624-79	10/1/79	CHILE	5/26/81	32,522	5/26/1996				☐	>	EXPIRED
	16398/77	4/20/77	GREAT BRITAIN	2/21/79	1,532,334	4/20/1997				☒	>	ABANDONED 2/12/90

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
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F22914 / VAPOR TURNBACK (VTP)												
	19635	1/26/77	IRAN	11/26/77	18,047	1/26/1997				☒	>	ABANDONED 2/24/86
	230/82		MALAYSIA	2/21/79	1,532,334	4/20/1997				☒	>	ABANDONED 9/22/92
	772,059	6/13/77	NORWAY	12/1/82	146,512	6/13/1997				☒	>	ABANDONED 5/9/89
			SINGAPORE	4/20/77	50/82	4/20/1997				☐	>	EXPIRED
			TRINIDAD AND TOBAGO	4/20/77	14/82	4/20/1997				☐	>	EXPIRED
										☐	>	EXPIRED
	940	5/20/77	VENEZUELA	2/28/79	38,022	2/28/1989				☐	>	EXPIRED
F22973 / SPLIT VAPOR FEED (GSP)												
	278,346	10/3/79	ARGENTINA	7/31/84	230,883	7/31/1994				☐	>	EXPIRED
	299,668	3/23/78	CANADA	3/18/80	1,073,804	3/18/1997				☐	>	EXPIRED
	660-79	10/9/79	CHILE	3/23/81	32,196	3/23/1996				☐	>	EXPIRED
	13987/78	4/10/78	GREAT BRITAIN	4/10/78	1,578,112	4/10/1998				☐	>	EXPIRED
	815542	7/14/77	IRAN	3/14/78	19,286	3/14/1998				☒	>	ABANDONED 3/4/86
	781297	4/13/78	NORWAY	4/13/78	150,654	4/13/1998				☐	>	EXPIRED
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	815,542	4/12/78	VENEZUELA	7/27/87	45,458	7/27/1997				☐	>	EXPIRED
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	302,306	11/19/85	ARGENTINA	3/31/95	247,757	3/31/2010	3/31/2004			☐		4/2/04 Orig.Lett Pat sent for name change
	49990/85	11/18/85	AUSTRALIA	11/18/85	582,398	11/18/2005	11/18/2004			☐		FCHS ltr dated 9/1/04 informed that patent expires on 2005 not 2001
	85308383.0	11/18/85	BELGIUM	11/18/85	0,182,643	11/18/2005	11/18/2004			☐		PCT-EPC
	495,555	11/18/85	CANADA	2/7/89	1,249,769	2/7/2006				☐		
	85308383.0	11/18/85	FRANCE	11/18/85	0,182,643	11/18/2005	12/22/2004			☐		PCT-EPC
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	85308383.0	11/18/85	NETHERLANDS	11/18/85	0,182,643	11/18/2005	9/3/1997			☒		ABANDONED 9/3/97
	854,594	11/18/85	NORWAY	6/7/91	165,833	11/18/2005	11/30/2004			☐		
	85308383.0	11/18/85	UNITED KINGDOM	11/18/85	0,182,643	11/18/2005	12/22/2004			☐		PCT-EPC
	673,039	11/19/84	UNITED STATES	10/14/86	4,617,039	11/19/2004				☐	>	EXPIRED --Expiration date changed to 11/19/2004 per HMH email
F27446 / 03137.000212 SPLIT FLOW REFLUX (SFR) (01/01)												
	313,953	5/17/89	ARGENTINA	7/11/96	249,829	7/11/2011	5/17/2005			☐		name changed to ELKCORP on Orig. Letter Patent
	34893/89	5/17/89	AUSTRALIA	7/3/91	606,841	5/17/2009	5/17/2005			☐		Patent expiration extended to 20 years, new exp.date 5/17/2009 per ltr
	4614265	5/16/89	BELARUS	8/4/94	2215					☒		ABANDONED 6/22/99
\$	599,776	5/16/89	CANADA	7/13/93	1,320,121	7/13/2010	7/13/2005			☐		
	89103324.6	5/17/89	CHINA (PRC)	5/27/93	89103324.6	5/17/2009	5/17/2005			☐		date of expiration updated to 5/17/09 per FCHS ltr Feb04,prev 5/17/04
	240/89	5/16/89	EGYPT	5/16/89	20400	5/16/2009	5/16/2005			☐		patent expiration extended from 5/16/004 to 5/16/09 per ltr&pmt
	000634	5/16/89	GEORGIA	4/15/97	897	7/27/2013	5/16/2005			☐		
	8911298.1	5/17/89	GREAT BRITAIN	11/4/92	2,218,791	5/17/2009	5/17/2005			☐		
	118/BOM/89	5/5/89	INDIA		170482	5/5/2003	2/5/2002			☐	>	EXPIRED - confirmed by Indian associate on letter July 1, 2004
	P-003.810	5/15/89	INDONESIA	11/1/99	4,478	5/15/2009	11/1/2004			☐		
	932804.1	5/16/89	KAZAKHSTAN							☒		ABANDONED 4/2/96
	P-93-1365	5/16/89	LATVIA	10/20/96	11228	12/22/2013				☒		ABANDONED 8/1/00
	IP-1478	5/16/89	LITHUANIA	6/29/95	IP-9194	11/22/2013				☒		ABANDONED 9/30/96

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
F27446 / 03137.000212												
SPLIT FLOW REFLUX (SFR) (01/01)												
16047		5/16/89	MEXICO	2/3/93	166,771	5/16/2009	4/16/2005			☐		
229,121		5/16/89	NEW ZEALAND	11/14/91	229,121	5/15/2005				☐	>	
891967		5/16/89	NORWAY	5/16/89	177,918	5/16/2009	4/16/2005			☐		
4614265		5/16/89	RUSSIA	5/16/89	2,047,061	5/16/2009	4/16/2005			☐		
4614265.090		5/16/89	TURKMENISTAN	7/7/97	295	1/24/2015	1/24/2005			☐		
93002621		5/16/89	UKRAINE	11/15/00	29391	10/8/2013	9/11/2002			☐		
										☐		-Exp.date changed to 5/17/2008 per HMH email
4614265		5/10/94	UZBEKISTAN							☒		ABANDONED
702/89		5/16/89	VENEZUELA	5/16/89	51.750	5/16/2009	4/16/2005			☐		
F27447 / 03137.000213												
SPLIT FLOW STAGED REFLUX (SFSR) (01/02)												
34900/89		5/17/89	AUSTRALIA	5/17/89	608,735	5/17/2005				☒	>	ABANDONED 4/14/94
599,777		5/16/89	CANADA	10/27/92	1,309,335	10/27/2009				☒		ABANDONED 8/1/00
89/03325.4		5/17/89	CHINA (PRC)	05/27/93	23,005	5/17/2004				☒	>	ABANDONED 4/14/94
882/01		07/31/93	GEORGIA							☒		ABANDONED 6/30/94
119/BOM/89		5/5/89	INDIA	5/5/89	170483	11/5/1996	3/23/1995			☒	>	ABANDONED 3/23/95
932561.1		5/16/89	KAZAKHSTAN							☒		ABANDONED 3/25/96
P93924		5/17/89	LATVIA							☒		ABANDONED
IP-1547		12/07/93	LITHUANIA							☒		ABANDONED 11/1/94
4614219-26		5/16/89	RUSSIA	5/16/89	2,040,293	5/16/2009				☒		ABANDONED 4/18/96
93002622		5/16/89	UKRAINE			10/18/2013				☒		ABANDONED 4/13/95
194,822		5/17/88	UNITED STATES	9/26/89	4,869,740	9/26/2006				☒		ABANDONED 11/10/00
			UZBEKISTAN							☒		ABANDONED
701/89		5/16/89	VENEZUELA	5/16/89	51749	5/16/2009	2/5/2002			☒		ABANDONED
F27718 / 03137.000210												
COLD RESIDUE REFLUX (CRR) (01/03)												
315,503		11/21/89	ARGENTINA	6/28/99	253415	6/28/2014	6/28/2004			☐		4/2/04 Orig.Lett Pat sent for name change
45426/89		11/21/89	AUSTRALIA	11/21/91	612,102	11/21/2005	11/21/2004			☐		
P18905858-5		11/21/89	BRAZIL	02/23/99	P18905858-5	11/21/2009	11/21/2004			☐		
2,003,197-2		11/17/89	CANADA	11/09/93	2,003,197	11/17/2009	11/17/2004			☐		
89108727.3		11/21/89	CHINA (PRC)	12/16/92	16,389	11/21/2009	11/21/2004			☐		
\$ 20/90		1/16/90	EGYPT	1/16/90	19,305	1/15/2010	1/19/2005			☐		Patent expiration date confirmed to be 1/15/2010 and not 2005
905/01		11/20/89	GEORGIA	7/30/93						☒		ABANDONED 6/30/94
8926159.8		11/20/89	GREAT BRITAIN	10/28/92	2,225,631	11/20/2009	11/12/2004			☐		
321/BOM/89		11/16/89	INDIA		170995	11/16/2019	11/20/2004			☐		Expiration date confirmed to be 11/16/2019 and not 11/16/03 as recorde
P-002181		1/31/92	INDONESIA	1/31/92	0002350	1/31/2012	1/9/2004			☐		
932632.1		11/20/89	KAZAKHSTAN	10/15/97	5411	11/29/2013				☒		ABANDONED 8/1/00
P-93-969		11/20/89	LATVIA							☒		ABANDONED 1/18/96
4742508.25		11/20/89	LITHUANIA							☒		ABANDONED 11/1/94
18432		11/21/89	MEXICO	2/1/93	166,743	11/21/2009				☐		
231428		11/17/89	NEW ZEALAND	9/26/91	231428	11/17/2005				☒		ABANDONED 8/16/99
3/90		1/10/90	NIGERIA	5/31/90	RP 10839	1/10/2010	1/10/2005			☐		
4742508-26		11/20/89	RUSSIA	11/20/97	2099654	11/20/2009				☒		ABANDONED 8/1/00
4742598		11/20/89	UKRAINE							☒		ABANDONED 1/25/96
			UZBEKISTAN							☐		
										☒		ABANDONED 1/28/94
1748/89		11/21/89	VENEZUELA	2/20/95	53.208	11/21/2009	11/19/2004			☐		

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
F28303 / COLD RESIDUE REFLUX FOR LNG (CRR/LNG) (01/07)												
											☐	-Exp.date changed to 3/12/2010 per HMH email
F28954 / SIDE DRAW RECYCLE (SDR) (01/05)												
	\$										☐	
F29884 / 03137.000221 RESIDUE RECYCLE SPLIT VAPOR (RSV) (01/08)												
	B950100144	5/21/97	ARGENTINA	2/10/99	AR000118B1	11/10/2015	11/10/2004				☐	name changed to ELKCORP on Orig. Letter Patent
	41518/96	11/6/95	AUSTRALIA	7/2/98	688,179	11/6/2015	11/6/2004				☐	PCT
	PI 9509654-0	11/6/95	BRAZIL	10/3/00	PI 9509654-0	11/6/2015	11/6/2004				☐	
	2,204,264	11/6/95	CANADA	1/9/01	2,204,264	11/6/2015	11/6/2004				☐	PCT
	95196763.0	11/6/95	CHINA (PRC)								☐	PCT - Rejection decision reversed per FCHS ltr 10/4/04
		FILED	EURASIA								☒	PCT - DECISION NOT TO PURSUE.
	1401/CAL/95	11/6/95	INDIA	11/6/95	185964	11/6/2009	11/6/2004				☐	INDIAN PATENT OFFICE ACCEPTED APPL. 6/01- PATENT SHOULD ISSUE SOON
	\$ P-952341	11/9/95	INDONESIA	8/7/00	ID0005526	11/9/2015	8/7/2005				☐	
	P195003414	11/10/95	MALAYSIA	1/31/02	MY-113327-A	1/31/2017	1/31/2004				☐	
	973350	05/08/97	MEXICO	4/23/01	201492	11/6/2015					☐	PCT -STILL WAITING ON LETTERS PATENT
	296810	11/6/95	NEW ZEALAND	4/14/99	296810	11/6/2015	9/11/2002				☐	PCT
		FILED	NORWAY								☒	DECISION NOT TO PURSUE
	95939856.1		PCT								☐	PCT
	PCT/US95/14563	FILED	RUSSIA								☒	ABANDONED IN FORMER USSR STATES 5/23/97
	9701971-5	11/6/95	SINGAPORE	9/28/98	41042	11/6/2015	11/6/2004				☐	PCT
	PCT/US95/14563	11/10/94	TRINIDAD AND TOBAGO	04/30/97	970038		11/6/2004				☐	PCT
	PCT/US95/14563	FILED	UKRAINE	11/15/00	29391						☒	ABANDONED 5/20/97
	9708665.6	11/6/95	UNITED KINGDOM	12/16/98	2309072	11/6/2015	11/6/2004				☐	PCT
											☐	
	PCT/US95/14563	11/6/95	UZBEKISTAN								☒	ABANDONED - PCT
	1975-95	11/9/95	VENEZUELA		57160		11/9/2004				☐	PUBLICATION NO. 426, 1/8/99
F30104 / 03137.000225 SPLIT SUBCOOLER PROCESS (SSP) (01/10)												
	2,176,184	5/9/96	CANADA	7/13/2004	2,176,184	5/9/2016	5/9/2005				☐	
											☐	
F30176 / 03137.000203 IMPROVED OVERHEAD RECYCLE (IOR) (01/09)												
	\$ 336,931	6/6/96	ARGENTINA	6/30/98	AR002372B1	6/6/2016	5/6/2005				☐	PUBLICATION NO. AR 002372 A1, 3/11/98-OrigLtrPat sent4/2/04
	710661	5/6/96	AUSTRALIA	1/20/00	710661	5/6/2016	5/6/2005				☐	PCT
		FILED	BELARUS								☒	PCT- DECISION NOT TO PURSUE
	PI 9609099-5	5/6/96	BRAZIL				2/6/2005				☐	PCT
	2,223,042	5/6/96	CANADA	1/30/01	2,223,042	5/6/2016	5/6/2005				☐	PCT
		FILED	CHINA (PRC)								☒	PCT- DECISION NOT TO PURSUE
	\$ 96 029.494	6/6/96	COLOMBIA	6/30/00	26378	6/6/2016	5/6/2005				☐	
		FILED	DENMARK								☐	PCT
	\$ 517/96	6/8/96	EGYPT	10/31/01	21460	6/8/2011	6/8/2005				☐	
		FILED	FRANCE								☐	PCT

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
F30176 / 03137.000203												
IMPROVED OVERHEAD RECYCLE (IOR) (01/09)												
		FILED	GEORGIA							☐		PCT
		FILED	GERMANY							☐		PCT
	866/Cal/96	5/13/96	INDIA	11/7/03	189,394	5/13/2016	5/13/2005			☐		
	P-961565	6/6/96	INDONESIA	5/2/01	0006247	6/6/2016	5/2/2005			☐		
		FILED	ITALY							☐		PCT
		FILED	JAPAN							☒		PCT- DECISION NOT TO PURSUE
	981508.1	5/6/96	KAZAKHSTAN	3/1/02	8643	5/5/2016	5/6/2005			☐		PCT
		FILED	KOREA, SOUTH (RK)							☒		PCT- DECISION NOT TO PURSUE
		FILED	LITHUANIA							☒		PCT- DECISION NOT TO PURSUE
	PI 96002308	6/7/96	MALAYSIA							☐		
	979507	5/6/96	MEXICO							☐		PCT
		FILED	NETHERLANDS							☐		PCT
		FILED	NEW ZEALAND							☒		PCT- DECISION NOT TO PURSUE
\$	122/96	6/7/96	NIGERIA	9/30/98	RP13180	6/7/2016	6/7/2005			☐		
	P-961564	FILED	NORWAY							☒		INVESTIGATED LATE APPLICATION ACCEPT-NOT GRANTED 10/20/00-No file fnd
	98100265	5/6/96	RUSSIAN FEDERATION	1/20/00	2,144,556	5/6/2016	5/6/2005			☒		ABANDONED
	9705980-2	5/6/96	SINGAPORE	10/19/99	51194	5/6/2016	5/6/2005			☐		PCT
	970152	6/7/95	TRINIDAD AND TOBAGO				5/6/2005			☐		PCT
		FILED	TURKMENISTAN							☒		PCT- DECISION NOT TO PURSUE
	9905285	FILED	UKRAINE							☒		PCT- DECISION NOT TO PURSUE
		FILED	UNITED KINGDOM							☐		PCT
										☐		-appl.No.08/477,423(1996)-Exp.date changed to 8/13/2016 per HMH email
		FILED	UZBEKISTAN							☒		PCT- DECISION NOT TO PURSUE
\$	963-96	6/4/96	VENEZUELA		57903		6/4/2005			☐		Publ.appl.granted 6/2/00,patent issuing backlog.PatNofrmTax Mntn
	S19990809	FILED	VIETNAM							☒		PCT- DECISION NOT TO PURSUE
F30788 / 03137.000206												
SINGLE COLUMN OVERHEAD RECYCLE (SCORE) (01/11)												
	P970104968	10/27/97	ARGENTINA							☐		NON-PCT -ARG. PATENT APPL. PUB #AR009393 A1
	51503/98	10/24/97	AUSTRALIA	1/11/01	728467	10/24/2017	10/24/2004			☐		PCT
	199900405	10/24/97	BELARUS	2/16/00	000813	10/24/2017	10/24/2004			☐		PCT-EA
	0317	10/27/97	BOLIVIA	8/23/00	5434	10/27/2017	1/30/2005			☐		NON-PCT
	PI9712373-0	10/24/97	BRAZIL				10/24/2004			☐		PCT
	2,269,462	10/24/97	CANADA	4/10/01	2,269,462	10/24/2017	10/24/2004			☐		PCT
	2301-97	10/24/97	CHILE							☐		NON-PCT
	97199161.8	10/24/97	CHINA (PRC)	8/28/02	ZL97199161.8	10/24/2017	10/24/2004			☐		PCT
	97062829	10/27/97	COLOMBIA	2/26/03	27531	10/24/2017	10/27/2004			☐		NON-PCT - PUBLICATION NO. 337B, 2/10/98-Named on Patent changed 11/03
	97 946304.9	10/24/97	DENMARK	8/16/01	0937016		9/11/2002			☐		PCT-EPC
	SP-97-2292	10/27/97	ECUADOR	11/5/99	PI99-1631	10/27/2017	3/22/2004			☐		NON-PCT
	1124/1997	10/25/97	EGYPT	2/27/02	21661	10/24/2017	10/25/2004			☐		NON-PCT
	199900405	10/24/97	EURASIA	2/16/00	000813	10/24/2017	10/8/2004			☐		PCT-EA :Armenia, Azerbaijan, Belarus, Kazakhstan, Russia &Turkmenistan
	97 946304.9	10/24/97	FRANCE	8/16/01	0937016		9/11/2002			☐		PCT-EPC - ACCEPTED
	003544	10/24/97	GEORGIA	7/25/01	P2499	10/23/2017	10/24/2004			☐		PCT
	97 946304.9	11/24/97	GERMANY	8/16/01	69706186 T2		9/11/2002			☐		PCT-EPC - EUROPEAN PATENT- OWN PATENT NO. ASSIGNED
	970114	10/24/97	GUATEMALA				10/24/2004			☐		NON-PCT

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
F30788 / 03137.000206												
SINGLE COLUMN OVERHEAD RECYCLE (SCORE) (01/11)												
	2017/CAL/97	10/27/97	INDIA							☐		NON-PCT
\$	P-973531	10/25/97	INDONESIA	6/9/03	ID0010778	10/27/2017	6/9/2005			☐		NON-PCT 1st to 7th annuity payment due approved pymt 5/25/2005
	(EPC)0937016	FILED	ITALY							☐		PCT-EPC
\$	10(1998)-519665	10/24/97	JAPAN	08/17/01	3221570	10/24/2017	8/17/2005			☐		PCT
	199900405	10/25/96	KAZAKHSTAN	2/16/00	000813	10/24/2017	10/24/2004			☐		PCT-EA
	99-0956	10/24/97	KOREA, NORTH (DPRK)	4/18/01	34852	10/25/2011	9/11/2002			☐		PCT
	99-7003549	10/24/97	KOREA, SOUTH (RK)	1/9/04	0414950	10/24/2017				☐		PCT
			LITHUANIA							☐		PCT
\$	PI 9705016	10/24/97	MALAYSIA	4/30/2004	MY-116997-A	4/30/2019	4/30/2005			☐		NON-PCT --Power of attorney sent from to FCHS
	9903624	10/24/97	MEXICO	1/14/02	205,926	10/24/2017				☐		PCT
	97 946304.9	10/24/97	NETHERLANDS	8/16/01	0937016		10/24/2004			☐		PCT-EPC - ACCEPTED
	335222	04/15/99	NEW ZEALAND	5/12/00	335222	10/24/2017	10/24/2004			☐		PCT
	320/97	10/25/96	NIGERIA	7/9/98	RP13179	10/24/2017	10/24/2004			☐		NON-PCT
	1999-1955	10/24/97	NORWAY				10/24/2004			☐		PCT
	0843/97	10/25/97	PAKISTAN	2/10/00	135990	10/25/2013	10/25/2004			☐		NON-PCT
	128/97	10/27/97	PARAGUAY	11/21/01	4067	10/27/2017	10/27/2004			☐		NON-PCT
	PCT/US97/19340	10/24/97	PCT							☐		PCT
	97 946304.9	10/24/97	PCT-EPC (EUROPE)	8/16/01	0937016		10/24/2004			☐		PCT -EPC - ACCEPT/V ALID:GERMANY,DEN MARK,FRANCE,UK,NETHERLAN
	958-97	10/25/97	PERU	8/21/01	1998	10/27/2017	10/27/2004			☐		NON-PCT
	58315	10/27/97	PHILLIPINES	9/18/02	1-1997-58315	9/18/2019				☐		NON-PCT Notice of Grant of Patent recorded, Pat.Cert not issued yet.
	199900405	10/24/97	RUSSIAN FEDERATION	2/16/00	000813	10/24/2017	10/24/2004			☐		PCT-EA
\$	98180785	1/14/98	SAUDI ARABIA				1/1/2005			☐		NON-PCT -Requested examination 5/12/2005
	9901483-9	10/24/97	SINGAPORE	8/17/99	0064727	10/24/2017	10/24/2004			☐		PCT - B&B instructed to pay maint fee 10/24/04 and forward file toFCHS
	86118252	12/4/97	TAIWAN (RC)	5/27/99	100603	12/3/2017	1/11/2005			☐		NON-PCT
	040343	10/27/97	THAILAND							☐		NON-PCT
	TT/A/1999/00035	10/24/97	TRINIDAD AND TOBAGO				10/24/2004			☐		PCT - Payment and publication requested per HMH 12/7/2004
	199900405	10/24/97	TURKMENISTAN	2/16/00	000813	10/24/2017	10/24/2004			☐		PCT-EA
	99052835	10/24/97	UKRAINE	3/15/02	44869	10/23/2017	10/24/2004			☐		PCT
	P262/97	12/9/97	UNITED ARAB EMIRATES				12/9/2004			☐		NON-PCT
	97 946304.9	10/24/97	UNITED KINGDOM	8/16/01	0937016		10/24/2004			☐		PCT-EPC - ACCEPTED
	24.761	10/27/97	URUGUAY	11/20/00	13.835	10/27/2017	10/27/2004			☐		NON-PCT
	9900365.2	10/24/97	UZBEKISTAN	12/3/02	IAP 02272	10/23/2017				☐		PCT
	1997-002161	10/27/97	VENEZUELA	10/27/97	58.760	10/27/2017	10/27/2004			☐		NON-PCT
	S19990295	10/24/97	VIETNAM	12/5/01	2473	10/24/2017	10/24/2004			☐		PCT
F30971 / 03137.000204												
RECYCLE SPLIT VAPOR W/ENRICHMENT (RSVE) (01/14)												
	P980102104	5/6/98	ARGENTINA				5/6/2005			☐		NON-PCT -PUBL.# AR011727A1 ON 8/30/00
	71191/98	4/16/98	AUSTRALIA	6/21/01	730624	4/16/2018	4/16/2005			☐		PCT
	199901005	4/16/98	AZERBAIJAN	2/27/01	01330	4/15/2018	4/16/2005			☐		PCT-EA -Part of Eurasian Patent
	199901005	4/16/98	BELARUS	2/27/01	01330	4/15/2018	4/16/2005			☐		PCT-EA -Part of Eurasian Patent
\$	98 918227.4	4/16/98	BELGIUM		0980502		4/16/2005			☐		PCT-EPC requested patent validation 9/3/04

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
F30971 / 03137.000204												
RECYCLE SPLIT VAPOR W/ENRICHMENT (RSVE) (01/14)												
	PI-0045-1998	4/7/98	BOLIVIA				4/7/2005		☐			NON-PCT -previous PattApplNo on file: 98014 FCHS indicated diff Appl N
	PI-9812261-4		BRAZIL				4/16/2005		☐			PCT
	2,286,112	4/16/98	CANADA	6/25/02	2,286,112	4/16/2018	4/16/2005		☐			PCT
	638-98	3/25/98	CHILE	10/18/01	CL 41.039	4/23/2016			☐			NON-PCT - SEE MARKING REQUIREMENTS FOR CHILEAN PATE
	98804734.9	4/16/98	CHINA (PRC)	10/13/2004	ZL98804734.9	4/16/2018	4/16/2005		☐			PCT
	98 024,585	5/5/98	COLOMBIA	7/24/03	27673	5/5/2018	5/5/2005		☐			NON-PCT
\$	98 918227.4	4/16/98	DENMARK		DK/EP 0980502		4/16/2005		☐			PCT-EPC - European patent validated in Denmark 4/29/2005
	SP-98-2500	5/7/98	ECUADOR				5/7/2005		☐			NON-PCT
	487/1998	5/5/98	EGYPT	2/27/02	21756	5/4/2018	5/5/2005		☐			NON-PCT
	199901005		EURASIA	02/27/01	001330	4/15/2018	4/16/2005		☐			PCT-EA -INCLUDES: RUSSIA, TURKMENISTAN, UZBEKISTAN, KAZAKSTAN
	98 918227.4	4/16/98	FRANCE	9/22/04	0980502	4/16/2018	4/16/2005		☐			PCT-EPC - Europ pat validated in France, but French pat.no. not assign
	98 918227.4	4/16/98	GERMANY		69826459.2-08		4/16/2005		☐			PCT-EPC - European patent validated in Germany 9/3/04,granted
	PI-980064	5/6/98	GUATEMALA		4753		5/6/2005		☐			NON-PCT
	720/CAL/98	4/23/98	INDIA						☐			NON-PCT
\$	P-980673	05/07/98	INDONESIA	6/20/02	ID 0 008 699	5/7/2018	6/2/2005		☐			NON-PCT FILED 1st to 7th annuity pymt approved 5/25/2005
	98 918227.4	4/16/98	ITALY		72973/2004		4/16/2005		☐			PCT-EPC - European patent validated in Italy 9/3/04,granted 11/26/04
	199901005	4/16/98	KAZAKHSTAN	2/27/01	01330	4/15/2018	4/16/2005		☐			PCT-EA -Part of Eurasian Patent
\$	PI 9801338	3/26/98	MALAYSIA	2/28/03	MY-114943-A		2/28/2005		☐			NON-PCT -Rcvd Power of Att' form request for filing
	9909867	4/16/98	MEXICO	7/10/03	215173	4/16/2018			☐			PCT-EA
	98 918227.4	4/16/98	NETHERLANDS	9/22/04	0980502	4/16/2018	4/16/2005		☐			PCT-EPC - Patent number is same as PCT-EPC Patent
	500066	4/16/98	NEW ZEALAND	7/12/01	500066	4/16/2018	4/16/2005		☐			PCT
	159/98	5/6/98	NIGERIA	05/06/98	RP 13155	5/6/2018	5/6/2005		☐			NON-PCT
	19995428	11/5/99	NORWAY	8/19/02	313159	4/16/2018	4/16/2005		☐			PCT
	0438/98	5/5/98	PAKISTAN	9/5/2000	136378		5/5/2005		☐			NON-PCT
	41/98	3/27/98	PARAGUAY	12/20/01	4112	3/27/2018	3/27/2004		☐			NON-PCT
	98918227.4	4/16/98	PCT						☐			Approved validating patents in EPC countries 9/3/04
	98 918227.4	4/16/98	PCT-EPC (EUROPE)	9/22/04	0980502	4/16/2018	4/16/2004		☐			PCT-EPC -validate patents in BE DE DK FR GB IT NL-9/3/04
	000328	4/30/98	PERU	7/31/02	2557	4/30/2018	4/30/2005		☐			NON-PCT
\$	1-1998-00672	3/24/98	PHILLIPINES	5/26/03	1-1998-00672	3/24/2018	8/14/2005		☐			NON-PCT
	199901005	4/16/98	RUSSIAN FEDERATION	2/27/01	01330	4/15/2018	4/16/2005		☐			PCT-EA -Part of Eurasian Patent
\$	98190108	5/30/98	SAUDI ARABIA				1/1/2005		☐			NON-PCT -Publication fee approved for payment 5/12/2005
	9904894-4	4/16/98	SINGAPORE	2/20/01	0068319	4/16/2018	4/16/2005		☐			PCT
\$	87107095	5/7/98	TAIWAN (RC)	11/23/00	NI-117923	5/16/2018	3/11/2005		☐			NON-PCT
	043679	5/6/98	THAILAND						☐			NON-PCT - filed Rqst for Subst. examination 9/21/04
	TT/A/1999/00090		TRINIDAD AND TOBAGO				4/16/2005		☐			PCT
	199901005	4/16/98	TURKMENISTAN	2/27/01	01330		4/16/2005		☐			PCT-EA -Part of Eurasian Patent
	99126605	4/16/98	UKRAINE	1/15/03	52746	4/15/2018	4/16/2005		☐			PCT
	P100/98	5/7/98	UNITED ARAB EMIRATES				5/7/2005		☐			NON-PCT

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
F30971 / 03137.000204 RECYCLE SPLIT VAPOR W/ENRICHMENT (RSVE) (01/14)												
	98 918227.4	4/16/98	UNITED KINGDOM	9/22/04	0980502	4/16/2018	4/16/2005			☐		PCT-EPC - European patent validated in UK
						7				☐		NON-PROVISIONAL APPLICATION - SUPPLEMENTAL NOTICE/ALLOWABILITY
	60/045,874	5/7/97	UNITED STATES							☐		PROVISIONAL APPLICATION
	24.990	5/5/98	URUGUAY	12/19/00	13.841	5/5/2018	5/5/2005			☐		NON-PCT--PATENT APPL. ALLOWED 1/17/01 BB LETTER
	9900890.2	4/16/98	UZBEKISTAN							☒		ABANDONED per email dated Jan26,2004
	1998-000961	5/6/98	VENEZUELA		58.960		5/5/2005			☐		NON-PCT
\$	S19990809	10/6/99	VIETNAM	1/24/2005	4751	4/16/2018	2/15/2005			☐		PCT-EA 2nd annuity payment approved 5/4/2005
F31021 / EXPANDER OUTLET COOLING PROCESS (EOC) (01/13)												
										☐		current until 5/16/2007
F31041 / 03137.000211 SPLIT FLOW RICH REFLUX (SFRR) (01/12)												
	P980101811	4/20/98	ARGENTINA	11/9/03	AR009871B1		4/20/2005			☐		NON-PCT -PUBLISHED #AR009871A1 - 5/3/00-changed to B1 per FCHS email
	71200/98	4/14/98	AUSTRALIA	4/14/98	732141	4/14/2018	4/14/2005			☐		PCT
	PI9808945-5	10/20/99	BRAZIL				4/14/2005			☐		PCT
\$	2,286,117	4/14/98	CANADA				4/14/2005			☐		PCT--RECORDED CERT.#05084873 - 7/14/00
	98 021.607	4/20/98	COLOMBIA	3/11/03	27530	4/20/2018	4/20/2005			☐		NON-PCT - PUBLISHED 4/27/01 - Named changed to ELKCORP 11/11/03
	418/1998	4/19/98	EGYPT	9/30/02	22169	4/17/2018	4/18/2005			☐		NON-PCT
\$	P-980594	04/20/98	INDONESIA		ID0 009 638					☐		NON-PCT -payment of 1st to 7th annuities approved 5/4/2005
	PI98001592	4/10/98	MALAYSIA	12/31/03	MY-116255	12/31/2018	12/30/2004			☐		NON-PCT
	9909592	9/15/03	MEXICO	8/18/03	215913	4/14/2018				☐		PCT
	PCT/US98/07577		PCT							☐		PCT
	9923623.4	4/14/98	UNITED KINGDOM	10/31/01	GB2340592	4/14/2018	4/14/2005			☐		PCT-EPC - UK PAT APP DETAILS, GB 2340592A, 2-23-00
	60/044,569		UNITED STATES							☐		PROVISIONAL APPLICATON
										☐		NON-PROVISIONAL APPLICATION - NOTICE OF ALLOWABILITY
	1998-000792	4/21/98	VENEZUELA		59.022		4/21/2005			☐		NON-PCT- 8/17/00 PUBL. IN OFFICIAL BULLETIN
F32141 / 03137.000214 CARBON DIOXIDE CONTROL (CDC) (01/15)												
	P99 01 06118	N/A	ARGENTINA					4/20/2001		☐		NON-PCT -confirmed continued interest by email 1/10/2005
	PCT/US99/28023	YES	ARMENIA					4/20/2001		☒		ABANDONED 3/27/03
	20316/00	11/24/99	AUSTRALIA	12/12/02	751881	11/24/2019	11/24/2004	4/20/2001		☐		PCT
			AUSTRIA					4/20/2001		☒		ABANDONED 3/27/03
	PCT/US99/28023	YES	AZERBAIJAN					4/20/2001		☒		ABANDONED 3/27/03
	PCT/US99/28023	11/12/99	BELARUS					4/20/2001		☒		ABANDONED 3/27/03
	99963989.1	9/26/01	BELGIUM					4/20/2001		☒		ABANDONED 3/27/03
	99026	11/30/99	BOLIVIA				9/11/2002			☒		ABANDONED 3/27/03
	PI9915807-8	5/30/01	BRAZIL				11/24/2004	4/20/2001		☐		PCT
	2,351,423	11/24/99	CANADA	5/11/2004	2,351,423	11/24/2019	11/24/2004	4/20/2001		☐		PCT
	2800/99	11/30/99	CHILE					4/20/2001		☒		ABANDONED 3/27/03

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
F32141 / 03137.000214												
CARBON DIOXIDE CONTROL (CDC) (01/15)												
\$	99813964.5	6/1/01	CHINA (PRC)	6/23/2004	ZL99813964.5	11/24/2019	11/24/2004	4/20/2001				PCT
	99075238	11/30/99	COLOMBIA					4/20/2001		✓		ABANDONED 3/27/03
			CYPRUS					4/20/2001		✓		ABANDONED 3/27/03
	99963989.1	9/26/01	DENMARK					4/20/2001		✓		ABANDONED 3/27/03
	SP-99-3247		ECUADOR				9/11/2002	4/20/2001		✓		ABANDONED 3/27/03
	1516/1999	11/29/99	EGYPT	5/5/03	22416	11/28/2019	11/29/2004	4/20/2001				NON-PCT
	200100598	11/24/99	EURASIA	10/30/03	003854	11/24/2019	12/31/2003	4/20/2001				PCT-EA - Appl given a Patent no& issue date per BB corr10/28/03notRcvd
			FINLAND					4/20/2001		✓		ABANDONED 3/27/03
	99963989.1	9/26/01	FRANCE					4/20/2001		✓		ABANDONED 3/27/03
	99963989.1	9/26/01	GERMANY					4/20/2001		✓		ABANDONED 3/27/03
			GREECE					4/20/2001		✓		ABANDONED 3/27/03
	PI-990204	11/30/99	GUATEMALA				9/11/2002	4/20/2001		✓		ABANDONED 3/27/03
\$	IN/PCT/2001/00550	11/24/99	INDIA					4/20/2001				PCT -Ordered to prepare response to official action on 4/12/2005
	W00200101194	6/1/01	INDONESIA					4/20/2001				PCT
			IRELAND					4/20/2001		✓		ABANDONED 3/27/03
	99963989.1	9/26/01	ITALY					4/20/2001		✓		ABANDONED 3/27/03
	PCT/US99/28023	11/12/99	KAZAKHSTAN				11/24/2004	4/20/2001				PCT-EA -Part of the Eurasian patent
			KYRGYZSTAN					4/20/2001		✓		ABANDONED 3/27/03
			LUXEMBOURG					4/20/2001		✓		ABANDONED 3/27/03
	PI9905203	11/30/99	MALAYSIA					4/20/2001				NON-PCT
	PA/a/2001/005440	10/01/99	MEXICO	8/27/03	216057	11/24/2019		4/20/2001				PCT
			MONACO					4/20/2001		✓		ABANDONED 3/27/03
	99963989.1	9/26/01	NETHERLANDS					4/20/2001				PCT-EPC -Patent validation approved 12/16/04
	PCT/US99/28023		NEW ZEALAND							✓		ABANDONED 3/27/03
	388/99	11/30/99	NIGERIA	11/30/99	RP13833		11/11/2004	4/20/2001				NON-PCT
	2001 2672	5/31/01	NORWAY				11/30/2004	4/20/2001				PCT
	1028/99	11/29/99	PAKISTAN	12/1/02	137185	12/1/2018	9/11/2002	4/20/2001		✓		ABANDONED 3/27/03
	144/99	11/30/99	PARAGUAY	11/21/01	4076	11/30/2019	9/11/2002	4/20/2001		✓		ABANDONED 3/27/03
	PCT/US99/28023	11/24/99	PCT					4/20/2001				PCT Entered Natl phase in many countries per corresp.4/23/01
	99963989.1	11/24/99	PCT-EPC (EUROPE)				11/24/2004	4/20/2001				PCT-EPC -HMH requested validation in Netherlands 12/16/04
	001192	11/29/99	PERU	5/22/03	2889	11/29/2019	11/29/2004	4/20/2001				NON-PCT
	1-999-02999	11/29/99	PHILLIPINES					4/20/2001		✓		ABANDONED 3/27/03
			PORTUGAL					4/20/2001		✓		ABANDONED 3/27/03
			REPUBLIC OF MOLDOVA					4/20/2001		✓		ABANDONED 3/27/03
	PCT/US99/28023	11/12/99	RUSSIAN FEDERATION				11/24/2004	4/20/2001				PCT-EA - Part of the Eurasian patent
	22201021	3/5/00	SAUDI ARABIA				1/1/2005	4/20/2001				NON-PCT
	200102948-7	11/24/00	SINGAPORE	4/26/02	80988	11/24/2003		4/20/2001		✓	>	ABANDONED 3/27/03
			SPAIN					4/20/2001		✓		ABANDONED 3/27/03
			SWEDEN					4/20/2001		✓		ABANDONED 3/27/03
			SWITZERLAND&LIEC HTENSTEIN					4/20/2001		✓		ABANDONED 3/27/03
	88121022	1/11/00	TAIWAN (RC)					4/20/2001		✓		ABANDONED 3/27/03
			TAJIKISTAN					4/20/2001		✓		ABANDONED 3/27/03
	054173	11/25/99	THAILAND					4/20/2001				NON-PCT
	TT/A/2001/00099	11/12/99	TRINIDAD AND TOBAGO				9/11/2002	4/20/2001		✓		ABANDONED 3/27/03
	PCT/US99/28023	11/12/99	TURKMENISTAN					4/20/2001		✓		ABANDONED 3/27/03

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
F32141 / 03137.000214												
CARBON DIOXIDE CONTROL (CDC) (01/15)												
	2001064042	11/24/99	UKRAINE			11/23/2019		4/20/2001		☒		ABANDONED 3/27/03
	P135/2001	5/30/01	UNITED ARAB EMIRATES				11/24/2004	4/20/2001		☐		PCT
	99963989.1	9/26/01	UNITED KINGDOM					4/20/2001		☒		ABANDONED 3/27/03
	60/110,502		UNITED STATES							☐		PROVISIONAL PATENT APPLICATION filed in 1998
										☐		NON-PROVISIONAL PATENT APPLICATION - Cert.ofCorrection iss.11/12/02
	25.831	12/1/99	URUGUAY					4/20/2001		☒		ABANDONED 3/27/03
	20010544	11/24/99	UZBEKISTAN					4/20/2001		☒		ABANDONED 3/27/03
	2474-99	12/1/99	VENEZUELA					4/20/2001		☒		ABANDONED 3/27/03
	PCT/US99/28023	11/12/99	VIETNAM							☒		ABANDONED 3/27/03
P33443 /												
CASCADE OVERHEAD RECYCLE PROCESS (CORE) (01/17)												
			AFRICA, SOUTH					8/15/2001		☒		ABANDONED 7/10/02
			ALBANIA					8/15/2001		☒		ABANDONED 7/10/02
010058	8/15/01		ALGERIA					8/15/2001		☒		ABANDONED 7/10/02
			ANTIGUA AND BARBUDA					8/15/2001		☒		ABANDONED 7/10/02
P01 0103907	8/15/01		ARGENTINA							☒		ABANDONED 7/10/02
			ARMENIA					8/15/2001		☒		ABANDONED 7/10/02
PCT/US01/25208	7/26/01		AUSTRALIA					8/15/2001		☒		ABANDONED 7/10/02
			AUSTRIA					8/15/2001		☒		ABANDONED 7/10/02
			AZERBAIJAN					8/15/2001		☒		ABANDONED 7/10/02
			BARBADOS					8/15/2001		☒		ABANDONED 7/10/02
PCT/US01/25208	7/26/01		BELARUS					8/15/2001		☒		ABANDONED 7/10/02
			BELGIUM					8/15/2001		☒		ABANDONED 7/10/02
			BELIZE					8/15/2001		☒		ABANDONED 7/10/02
			BENIN					8/15/2001		☒		ABANDONED 7/10/02
		7/26/01	BOLIVIA				5/20/2002			☒		ABANDONED 7/10/02
			BOSNIA AND HERZEGOVINA					8/15/2001		☒		ABANDONED 7/10/02
PCT/US01/25208	7/26/01		BRAZIL					8/15/2001		☒		ABANDONED 7/10/02
			BULGARIA					8/15/2001		☒		ABANDONED 7/10/02
			BURKINA FASO					8/15/2001		☒		ABANDONED 7/10/02
			CAMEROON					8/15/2001		☒		ABANDONED 7/10/02
PCT/US01/25208	7/26/01		CANADA					8/15/2001		☒		ABANDONED 7/10/02
			CENTRAL AFRICAN REPUBLIC					8/15/2001		☒		ABANDONED 7/10/02
			CHAD					8/15/2001		☒		ABANDONED 7/10/02
1979/2001	8/14/01		CHILE							☒		ABANDONED 7/10/02
PCT/US01/25208	7/26/01		CHINA (PRC)					8/15/2001		☒		ABANDONED 7/10/02
PCT/US01/25208	7/26/01		COLOMBIA					8/15/2001		☒		ABANDONED 7/10/02
			CONGO					8/15/2001		☒		ABANDONED 7/10/02
			COSTA RICA					8/15/2001		☒		ABANDONED 7/10/02
			COTE D'IVOIRE					8/15/2001		☒		ABANDONED 7/10/02
			CROATIA					8/15/2001		☒		ABANDONED 7/10/02
			CUBA					8/15/2001		☒		ABANDONED 7/10/02
			CYPRUS					8/15/2001		☒		ABANDONED 7/10/02
			CZECH REPUBLIC					8/15/2001		☒		ABANDONED 7/10/02
			DENMARK					8/15/2001		☒		ABANDONED 7/10/02
			DOMINICA					8/15/2001		☒		ABANDONED 7/10/02
09/915,904	7/26/01		ECUADOR					8/15/2001		☒		ABANDONED 7/10/02

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
P33443 /												
CASCADE OVERHEAD RECYCLE PROCESS (CORE) (01/17)												
		7/26/01	EGYPT				5/20/2002			☒		ABANDONED 7/10/02
	09/915,904	7/26/01	EQUATORIAL GUINEA					8/15/2001		☒		ABANDONED 7/10/02
			ESTONIA					8/15/2001		☒		ABANDONED 7/10/02
			FINLAND					8/15/2001		☒		ABANDONED 7/10/02
			FRANCE					8/15/2001		☒		ABANDONED 7/10/02
			GABON					8/15/2001		☒		ABANDONED 7/10/02
			GAMBIA					8/15/2001		☒		ABANDONED 7/10/02
	PCT/US01/25208	7/26/01	GEORGIA					8/15/2001		☒		ABANDONED 7/10/02
	PCT/US01/25208	7/26/01	GERMANY					8/15/2001		☒		ABANDONED 7/10/02
			GHANA					8/15/2001		☒		ABANDONED 7/10/02
			GREECE					8/15/2001		☒		ABANDONED 7/10/02
			GRENADA					8/15/2001		☒		ABANDONED 7/10/02
	1873-PI-2001.0168	8/14/01	GUATEMALA				7/9/2002			☒		ABANDONED 7/10/02
			GUINEA					8/15/2001		☒		ABANDONED 7/10/02
			GUINEA-BISSAU					8/15/2001		☒		ABANDONED 7/10/02
			HUNGARY					8/15/2001		☒		ABANDONED 7/10/02
			ICELAND					8/15/2001		☒		ABANDONED 7/10/02
	PCT/US01/25208	7/26/01	INDIA					8/15/2001		☒		ABANDONED 7/10/02
	PCT/US01/25208	7/26/01	INDONESIA					8/15/2001		☒		ABANDONED 7/10/02
			IRELAND					8/15/2001		☒		ABANDONED 7/10/02
			ISRAEL					8/15/2001		☒		ABANDONED 7/10/02
			ITALY					8/15/2001		☒		ABANDONED 7/10/02
			JAPAN					8/15/2001		☒		ABANDONED 7/10/02
	PCT/US01/25208	7/26/01	KAZAKHSTAN					8/15/2001		☒		ABANDONED 7/10/02
			KENYA					8/15/2001		☒		ABANDONED 7/10/02
	PCT/US01/25208	7/26/01	KOREA, NORTH (DPRK)					8/15/2001		☒		ABANDONED 7/10/02
			KOREA, SOUTH (RK)					8/15/2001		☒		ABANDONED 7/10/02
			KYRGYZSTAN					8/15/2001		☒		ABANDONED 7/10/02
			LATVIA					8/15/2001		☒		ABANDONED 7/10/02
			LESOTHO					8/15/2001		☒		ABANDONED 7/10/02
			LIBERIA					8/15/2001		☒		ABANDONED 7/10/02
	PCT/US01/25208	7/26/01	LITHUANIA					8/15/2001		☒		ABANDONED 7/10/02
			LUXEMBOURG					8/15/2001		☒		ABANDONED 7/10/02
			MACEDONIA, FRMR YUG REP					8/15/2001		☒		ABANDONED 7/10/02
			MADAGASCAR					8/15/2001		☒		ABANDONED 7/10/02
			MALAWI					8/15/2001		☒		ABANDONED 7/10/02
	PI 20013775	8/10/01	MALAYSIA							☒		ABANDONED 7/10/02
			MALI					8/15/2001		☒		ABANDONED 7/10/02
			MAURITANIA					8/15/2001		☒		ABANDONED 7/10/02
	PCT/US01/25208	7/26/01	MEXICO					8/15/2001		☒		ABANDONED 7/10/02
			MONACO					8/15/2001		☒		ABANDONED 7/10/02
			MONGOLIA					8/15/2001		☒		ABANDONED 7/10/02
			MOROCCO					8/15/2001		☒		ABANDONED 7/10/02
			MOZAMBIQUE					8/15/2001		☒		ABANDONED 7/10/02
			NETHERLANDS					8/15/2001		☒		ABANDONED 7/10/02
	PCT/US01/25208	7/26/01	NEW ZEALAND					8/15/2001		☒		ABANDONED 7/10/02
	09/915,904	7/26/01	NIGERIA					8/15/2001		☒		ABANDONED 7/10/02
	09/915,904	7/26/01	NORWAY					8/15/2001		☒		ABANDONED 7/10/02
	0789/01	8/15/01	PAKISTAN							☒		ABANDONED 7/10/02
	20231/2001	8/14/01	PARAGUAY							☒		ABANDONED 7/10/02

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
P33443 /												
CASCADE OVERHEAD RECYCLE PROCESS (CORE) (01/17)												
	PCT/US01/25208	7/26/01	PCT								☒	ABANDONED 7/10/02
	806.2001	8/13/01	PERU								☒	ABANDONED 7/10/02
	1-2001-02076	8/14/01	PHILLIPINES								☒	ABANDONED 7/10/02
			POLAND					8/15/2001			☒	ABANDONED 7/10/02
			PORTUGAL					8/15/2001			☒	ABANDONED 7/10/02
			REPUBLIC OF MOLDOVA					8/15/2001			☒	ABANDONED 7/10/02
			ROMANIA					8/15/2001			☒	ABANDONED 7/10/02
	PCT/US01/25208	7/26/01	RUSSIAN FEDERATION					8/15/2001			☒	ABANDONED 7/10/02
			SAINT LUCIA					8/15/2001			☒	ABANDONED 7/10/02
	01220595	12/25/01	SAUDI ARABIA								☒	ABANDONED 7/10/02
			SENEGAL					8/15/2001			☒	ABANDONED 7/10/02
			SIERRA LEONE					8/15/2001			☒	ABANDONED 7/10/02
	200201947-9	04/15/02	SINGAPORE					8/15/2001			☒	ABANDONED 7/10/02
			SLOVAKIA					8/15/2001			☒	ABANDONED 7/10/02
			SLOVENIA					8/15/2001			☒	ABANDONED 7/10/02
			SPAIN					8/15/2001			☒	ABANDONED 7/10/02
			SRI LANKA					8/15/2001			☒	ABANDONED 7/10/02
			SUDAN					8/15/2001			☒	ABANDONED 7/10/02
			SWAZILAND					8/15/2001			☒	ABANDONED 7/10/02
			SWEDEN					8/15/2001			☒	ABANDONED 7/10/02
			SWITZERLAND&LIEC HTENSTEN					8/15/2001			☒	ABANDONED 7/10/02
	90119955	8/14/01	TAIWAN (RC)								☒	ABANDONED 7/10/02
			TAJIKISTAN					8/15/2001			☒	ABANDONED 7/10/02
	067587	8/10/01	THAILAND								☒	ABANDONED 7/10/02
			TOGO					8/15/2001			☒	ABANDONED 7/10/02
			TRINIDAD AND TOBAGO					8/15/2001			☒	ABANDONED 7/10/02
			TURKEY					8/15/2001			☒	ABANDONED 7/10/02
			TURKMENISTAN					8/15/2001			☒	ABANDONED 7/10/02
			UGANDA					8/15/2001			☒	ABANDONED 7/10/02
	PCT/US01/25208	7/26/01	UKRAINE					8/15/2001			☒	ABANDONED 7/10/02
	PCT/US01/25208	7/26/01	UNITED ARAB EMIRATES					8/15/2001			☒	ABANDONED 7/10/02
	PCT/US01/25208	7/26/01	UNITED KINGDOM					8/15/2001			☒	ABANDONED 3/27/03
			UNITED REP OF TANZANIA					8/15/2001			☒	ABANDONED 7/10/02
	09/915,904	7/26/01	UNITED STATES		09/915,904*			8/15/2001			☒	ABANDONED 7/10/02
	26.892	8/15/01	URUGUAY								☒	ABANDONED 7/10/02
	PCT/US01/25208	7/26/01	UZBEKISTAN					8/15/2001			☒	ABANDONED 7/10/02
	1751-01	8/14/01	VENEZUELA								☒	ABANDONED 7/10/02
	PCT/US01/25208	7/26/01	VIETNAM					8/15/2001			☒	ABANDONED 7/10/02
			YUGOSLAVIA					8/15/2001			☒	ABANDONED 7/10/02
			ZIMBABWE					8/15/2001			☒	ABANDONED 7/10/02
A33576 / 03137.000222												
CARBON DIOX CNTRL - IND-STD SINGLE STGE (CDC-ISS) (01/18)												
			AFRICA, SOUTH					3/4/2002			☒	ABANDONED
			ALBANIA					3/4/2002			☒	ABANDONED
			ALGERIA					3/4/2002			☒	ABANDONED
			ANTIGUA AND BARBUDA					3/4/2002			☒	ABANDONED

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
A33576 / 03137.000222												
CARBON DIOX CNTRL - IND-STD SINGLE STGE (CDC-ISS) (01/18)												
	P010104642	10/2/01	ARGENTINA				1/15/2005			☐		PatAppl published on 9/10/03-File request for Examination10/2/04
			ARMENIA					3/4/2002		☒		ABANDONED
	2001294914		AUSTRALIA					3/4/2002		☐		PCT-Entered Natl phase 3/7/03-File req for Examin9/28/04
			AUSTRIA					3/4/2002		☒		ABANDONED
			AZERBAIJAN					3/4/2002		☒		ABANDONED
			BARBADOS					3/4/2002		☒		ABANDONED
			BELARUS					3/4/2002		☒		ABANDONED
			BELGIUM					3/4/2002		☒		ABANDONED
			BELIZE					3/4/2002		☒		ABANDONED
			BENIN					3/4/2002		☒		ABANDONED
			BOSNIA AND HERZEGOVINA					3/4/2002		☒		ABANDONED
	PI-0114387-5	9/28/01	BRAZIL				9/28/2004	3/4/2002		☐		PCT
			BULGARIA					3/4/2002		☒		ABANDONED
			BURKINA FASO					3/4/2002		☒		ABANDONED
			CAMEROON					3/4/2002		☒		ABANDONED
	2,423,699	9/26/01	CANADA				9/28/2004	3/4/2002		☐		PCT-Proceeded with examination 1/10/2005
			CENTRAL AFRICAN REPUBLIC					3/4/2002		☒		ABANDONED
			CHAD					3/4/2002		☒		ABANDONED
	01819452.4	9/28/01	CHINA (PRC)					3/4/2002		☐		PCT-Entered Natl phase 3/7/03
			COLOMBIA					3/4/2002		☒		ABANDONED
			CONGO					3/4/2002		☒		ABANDONED
			COSTA RICA					3/4/2002		☒		ABANDONED
			COTE DIVOIRE					3/4/2002		☒		ABANDONED
			CROATIA					3/4/2002		☒		ABANDONED
			CUBA					3/4/2002		☒		ABANDONED
			CYPRUS					3/4/2002		☒		ABANDONED
			CZECH REPUBLIC					3/4/2002		☒		ABANDONED
			DENMARK					3/4/2002		☒		ABANDONED
			DOMINICA					3/4/2002		☒		ABANDONED
			ECUADOR					3/4/2002		☒		ABANDONED
	1032/2001	9/30/01	EGYPT	1/25/03	23043	9/29/2021	9/30/2004			☐		
			EQUATORIAL GUINEA					3/4/2002		☒		ABANDONED
			ESTONIA					3/4/2002		☒		ABANDONED
			FINLAND					3/4/2002		☒		ABANDONED
			FRANCE					3/4/2002		☒		ABANDONED
			GABON					3/4/2002		☒		ABANDONED
			GAMBIA					3/4/2002		☒		ABANDONED
			GEORGIA					3/4/2002		☒		ABANDONED
			GERMANY					3/4/2002		☒		ABANDONED
			GHANA					3/4/2002		☒		ABANDONED
			GREECE					3/4/2002		☒		ABANDONED
			GRENADA					3/4/2002		☒		ABANDONED
			GUINEA					3/4/2002		☒		ABANDONED
			GUINEA-BISSAU					3/4/2002		☒		ABANDONED
			HUNGARY					3/4/2002		☒		ABANDONED
			ICELAND					3/4/2002		☒		ABANDONED
	369/KOL NP/2003	9/28/01	INDIA					3/4/2002		☐		PCT-Req for subst examin Sept 2004

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
A33576 / 03137.000222												
CARBON DIOX CNTRL - IND-STD SINGLE STGE (CDC-ISS) (01/18)												
\$ 2003/1530.1			INDONESIA					3/4/2002		☐		PCT-Entered Natl phase 3/7/03-Filed req for Examination 9/28/04
			IRELAND					3/4/2002		☒		ABANDONED
			ISRAEL					3/4/2002		☒		ABANDONED
			ITALY					3/4/2002		☒		ABANDONED
			JAPAN					3/4/2002		☒		ABANDONED
			KAZAKHSTAN				5/17/2005	3/4/2002		☐		PCT-EA Pat appl allowed- Grant&renewal fees approved pymnt 4/22/2005
			KENYA					3/4/2002		☒		ABANDONED
			KOREA, NORTH (DPRK)					3/4/2002		☒		ABANDONED
			KOREA, SOUTH (RK)					3/4/2002		☒		ABANDONED
			KYRGYZSTAN					3/4/2002		☒		ABANDONED
			LATVIA					3/4/2002		☒		ABANDONED
			LESOTHO					3/4/2002		☒		ABANDONED
			LIBERIA					3/4/2002		☒		ABANDONED
			LITHUANIA					3/4/2002		☒		ABANDONED
			LUXEMBOURG					3/4/2002		☒		ABANDONED
			MACEDONIA, FRMR YUG REP					3/4/2002		☒		ABANDONED
			MADAGASCAR					3/4/2002		☒		ABANDONED
			MALAWI					3/4/2002		☒		ABANDONED
PI 20014554	9/28/01	MALAYSIA								☐		
		MALI					3/4/2002		☒		ABANDONED	
		MAURITANIA					3/4/2002		☒		ABANDONED	
		MEXICO					3/4/2002		☐		PCT-Entered Natl phase 3/7/03	
		MONACO					3/4/2002		☒		ABANDONED	
		MONGOLIA					3/4/2002		☒		ABANDONED	
		MOROCCO					3/4/2002		☒		ABANDONED	
		MOZAMBIQUE					3/4/2002		☒		ABANDONED	
		NETHERLANDS					3/4/2002		☐		PCT-EPC-Entered Natl phase 3/7/03	
		NEW ZEALAND					3/4/2002		☒		ABANDONED	
		NIGERIA	3/12/04	RP 15574	9/28/2021		3/4/2002		☐		PCT-OA-Filed req for Examination 10/2/04	
		NORWAY				9/28/2004	3/4/2002		☐		PCT-Entered Natl phase 3/7/03	
		PCT							☐		PCT	
		PCT-EPC (EUROPE)				9/28/2004			☐		PCT-EPC	
		PERU			10/21/2021	10/1/2004			☐		NON-PCT -Pat/appl. Granted per ltr but no patent or no.received yet	
2003112686	9/28/01	PHILLIPINES					3/4/2002		☒		ABANDONED	
		POLAND					3/4/2002		☒		ABANDONED	
		PORTUGAL					3/4/2002		☒		ABANDONED	
		REPUBLIC OF MOLDOVA					3/4/2002		☒		ABANDONED	
		ROMANIA					3/4/2002		☒		ABANDONED	
		RUSSIAN FEDERATION					3/4/2002		☐		PCT-EA-Entered Natl phase 3/7/03- Filed req for Examination 10/28/04	
		SAINT LUCIA					3/4/2002		☒		ABANDONED	
		SAUDI ARABIA				1/1/2005			☐			
		SENEGAL					3/4/2002		☒		ABANDONED	
		SIERRA LEONE					3/4/2002		☒		ABANDONED	
		SINGAPORE					3/4/2002		☒		ABANDONED	
		SLOVAKIA					3/4/2002		☒		ABANDONED	
		SLOVENIA					3/4/2002		☒		ABANDONED	

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS	
									APPLY	ABANDON			
A33576 / 03137.000222													
CARBON DIOX CNTRL - IND-STD SINGLE STGE (CDC-ISS) (01/18)													
068744	10/01/01	SPAIN						3/4/2002		☒		ABANDONED	
		SRI LANKA						3/4/2002		☒		ABANDONED	
		SUDAN						3/4/2002		☒		ABANDONED	
		SWAZILAND						3/4/2002		☒		ABANDONED	
		SWEDEN						3/4/2002		☒		ABANDONED	
		SWITZERLAND&LIEC HTENSTEIN						3/4/2002		☒		ABANDONED	
		TAJKISTAN						3/4/2002		☒		ABANDONED	
		THAILAND								☐		Last day for opposition is Sept 5, 2004 and req.for subst examin6/6/09	
		TOGO						3/4/2002		☒		ABANDONED	
		TRINIDAD AND TOBAGO						3/4/2002		☒		ABANDONED	
		TURKEY						3/4/2002		☒		ABANDONED	
		TURKMENISTAN						3/4/2002		☒		ABANDONED	
		UGANDA						3/4/2002		☒		ABANDONED	
		UKRAINE						3/4/2002		☒		ABANDONED	
P101/03		UNITED ARAB EMIRATES				9/28/2004	3/4/2002		☐		PCT-Entered Natl phase 3/7/03		
\$	09/677,220	10/2/00	UNITED KINGDOM					3/4/2002		☒		ABANDONED	
			UNITED REP OF TANZANIA					3/4/2002		☒		ABANDONED	
										☐		PCT-CONTINUATION APPLICATION of 09/677,220 Issue fee paid 4/19/2005	
			UNITED STATES							☐		NON-PROVISIONAL APPL publ.5/30/02-ABANDONED FOR CONTINUATION APPL	
2082-01	10/02/01	UZBEKISTAN						3/4/2002		☒		ABANDONED	
		VENEZUELA								☒		ABANDONED Pat. Appl per OEL letter 2/27/03	
		VIETNAM						3/4/2002		☒		ABANDONED	
		YUGOSLAVIA						3/4/2002		☒		ABANDONED	
			ZIMBABWE					3/4/2002		☒		ABANDONED	
A34173 / 03137.000208													
INLET/DEMETH OVRHD -RESIDUE/DEMETH OVRHD (IDO-RDO) (01/19)													
P020101397	4/17/02	AFRICA, SOUTH						3/20/2002		☐		PCT	
		ALBANIA						3/20/2002		☐		PCT	
		ALGERIA						3/20/2002		☐		PCT	
		ANTIGUA AND BARBUDA						3/20/2002		☐		PCT	
\$ 2002307315	4/15/02	ARGENTINA							4/15/2002	☐		NON-PCT -confirmed continued interest by email 1/10/2005	
		ARMENIA						3/20/2002		☐		PCT-EA	
		AUSTRALIA						3/20/2002		☐		PCT Request for examination requested 3/23/2005	
		AUSTRIA						3/20/2002		☐		PCT-EPC	
		AZERBAIJAN						3/20/2002		☐		PCT-EA	
		BARBADOS						3/20/2002		☐		PCT	
		BELARUS						3/20/2002		☐		PCT-EA	
		BELGIUM						3/20/2002		☐		PCT-EPC	
		BELIZE						3/20/2002		☐		PCT	
		BENIN						3/20/2002		☐		PCT-OA	
		BOSNIA AND HERZEGOVINA						3/20/2002		☐		PCT	
		P10208981-5	10/17/03	BRAZIL				4/15/2005	3/20/2002		☐		PCT - Proceed with examination 1/10/2005

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
A34173 / 03137.000208												
INLET/DEMETH OVRHD -RESIDUE/DEMETH OVRHD (IDO-RDO) (01/19)												
2,443,905	021538 X		BULGARIA					3/20/2002			☐	PCT
			BURKINA FASO					3/20/2002			☐	PCT-OA
			CAMEROON					3/20/2002			☐	PCT-OA
			CANADA				4/15/2005	3/20/2002			☐	PCT REQUESTED B&B TO FILE 3/15/02
			CENTRAL AFRICAN REPUBLIC					3/20/2002			☐	PCT-OA -- Filing requested to BB 5/12/02
			CHAD					3/20/2002			☐	PCT-OA
			CHINA (PRC)					3/20/2002			☐	PCT -Appl.published under No. CN1518656A on 8/4/04
			COLOMBIA					3/20/2002			☐	PCT
			CONGO					3/20/2002			☐	PCT-OA
			COSTA RICA					3/20/2002			☐	PCT
401/2002	4/17/02		COTE D'IVOIRE					3/20/2002			☐	PCT-OA
			CROATIA					3/20/2002			☐	PCT
			CUBA					3/20/2002			☐	PCT
			CYPRUS					3/20/2002			☐	PCT-EPC
			CZECH REPUBLIC					3/20/2002			☐	PCT
			DENMARK					3/20/2002			☐	PCT-EPC -Requested appl. filing via EPC 10/3/03
			DOMINICA					3/20/2002			☐	PCT
			ECUADOR					3/20/2002			☐	PCT
			EGYPT				4/17/2005		4/15/2002		☐	NON-PCT
			EQUATORIAL GUINEA					3/20/2002			☐	PCT-OA
\$ 01321/KOL NP/03	4/15/02		ESTONIA					3/20/2002			☐	PCT
			FINLAND					3/20/2002			☐	PCT-EPC
			FRANCE					3/20/2002			☐	PCT-EPC -Requested appl. filing via EPC 10/3/03
			GABON					3/20/2002			☐	PCT-OA
			GAMBIA					3/20/2002			☐	PCT-AP
			GEORGIA					3/20/2002			☐	PCT
			GERMANY					3/20/2002			☐	PCT-EPC -Requested appl. filing via EPC 10/3/03
			GHANA					3/20/2002			☐	PCT-AP
			GRANADA					3/20/2002			☐	PCT
			GREECE					3/20/2002			☐	PCT-EPC
583,891/2002	4/15/02		GUINEA					3/20/2002			☐	PCT-OA
			GUINEA-BISSAU					3/20/2002			☐	PCT-OA
			HUNGARY					3/20/2002			☐	PCT
			ICELAND					3/20/2002			☐	PCT
			INDIA					3/20/2002			☐	PCT -Filed request for examination prior to 4/15/06 deadline
			INDONESIA					3/20/2002			☐	PCT
			IRELAND					3/20/2002			☐	PCT-EPC
			ISRAEL					3/20/2002			☐	PCT
			ITALY					3/20/2002			☐	PCT-EPC -Requested appl. filing via EPC 10/3/03
		41/PA/02	4/17/02		JAPAN					3/20/2002		
	KAZAKHSTAN							3/20/2002			☐	PCT-EA
	KENYA							3/20/2002			☐	PCT-AP
	KOREA, NORTH (DPRK)							3/20/2002			☐	PCT
	KOREA, SOUTH (RK)							3/20/2002			☐	PCT
	KUWAIT						4/15/2002		☐	NON-PCT		

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
A34173 / 03137.000208												
INLET/DEMETH OVRHD -RESIDUE/DEMETH OVRHD (IDO-RDO) (01/19)												
			KYRGYZSTAN					3/20/2002			☐	PCT-EA
			LATVIA					3/20/2002			☐	PCT
			LESOTHO					3/20/2002			☐	PCT-AP
			LIBERIA					3/20/2002			☐	PCT
			LITHUANIA					3/20/2002			☐	PCT
			LUXEMBOURG					3/20/2002			☐	PCT-EPC
			MACEDONIA, FRMR YUG REP					3/20/2002			☐	PCT
			MADAGASCAR					3/20/2002			☐	PCT
			MALAWI					3/20/2002			☐	PCT-AP
PI20021444		4/19/02	MALAYSIA						4/15/2002		☐	NON-PCT
			MALI					3/20/2002			☐	PCT-OA
			MAURITANIA					3/20/2002			☐	PCT-OA
PA/a/2003/009582		4/15/02	MEXICO					3/20/2002			☐	PCT
			MONACO					3/20/2002			☐	PCT-EPC
			MONGOLIA					3/20/2002			☐	PCT
			MOROCCO					3/20/2002			☐	PCT
			MOZAMBIQUE					3/20/2002			☐	PCT-AP
			NETHERLANDS					3/20/2002			☐	PCT-EPC
528879		4/15/02	NEW ZEALAND					3/20/2002			☐	PCT
\$ 131/2002		4/17/02	NIGERIA	8/27/2004	RP 15793	4/19/2022	4/17/2005		4/15/2002		☐	NON-PCT -questioned diff pat. Appl no.15793-no response yet
20034658			NORWAY				4/15/2005	3/20/2002			☐	PCT -FCHS ltr to Pat.bureau questioning lack of prev.notices for pymnt
			OMAN					3/20/2002			☐	PCT
PCT/US02/11793		4/15/02	PCT								☐	PCT - 10/20/03 NATIONAL PHASE DEADLINE-NOTIFY BB BY 8/20/03
02764020.0		4/15/02	PCT-EPC (EUROPE)				4/15/2005				☐	PCT-EPC
321.2002		4/17/02	PERU	7/27/04	3623	4/17/2022	4/17/2005		4/15/2002		☐	NON-PCT
			PHILLIPINES					3/20/2002			☐	PCT
			POLAND					3/20/2002			☐	PCT
			PORTUGAL					3/20/2002			☐	PCT-EPC
			QATAR						4/15/2002		☐	NON-PCT --Cautionary notices published 4/16/02
			REPUBLIC OF MOLDOVA					3/20/2002			☐	PCT-EA
			ROMANIA					3/20/2002			☐	PCT
			RUSSIAN FEDERATION					3/20/2002			☐	PCT-EA
			SAINT LUCIA					3/20/2002			☐	PCT
02230353		10/5/02	SAUDI ARABIA				1/1/2005		4/15/2002		☐	NON-PCT
			SENEGAL					3/20/2002			☐	PCT-OA
			SIERRA LEONE					3/20/2002			☐	PCT-AP
			SINGAPORE					3/20/2002			☐	PCT
			SLOVAKIA					3/20/2002			☐	PCT
			SLOVENIA					3/20/2002			☐	PCT
			SPAIN					3/20/2002			☐	PCT-EPC
			SRI LANKA					3/20/2002			☐	PCT
			SUDAN					3/20/2002			☐	PCT-AP
			SWAZILAND					3/20/2002			☐	PCT-AP
			SWEDEN					3/20/2002			☐	PCT-EPC
			SWITZERLAND&LIEC HTENSTEIN					3/20/2002			☐	PCT-EPC

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
A34173 / 03137.000208												
INLET/DEMETH OVRHD -RESIDUE/DEMETH OVRHD (IDO-RDO) (01/19)												
	073134	4/18/02	TAJIKISTAN					3/20/2002			☐	PCT-EA
			THAILAND						4/15/2002		☐	NON-PCT - Pat appl. Published 7/29/03 under Pub. 57486
			TOGO					3/20/2002			☐	PCT-OA
			TRINIDAD AND TOBAGO					3/20/2002			☐	PCT
			TUNISIA					3/20/2002			☐	PCT
			TURKEY					3/20/2002			☐	PCT-EPC
			TURKMENISTAN					3/20/2002			☐	PCT-EA
			UGANDA					3/20/2002			☐	PCT-AP
			UKRAINE					3/20/2002			☐	PCT
	P351/03	4/15/02	UNITED ARAB EMIRATES				4/15/2005	3/20/2002			☐	PCT
			UNITED KINGDOM					3/20/2002			☐	PCT-EPC -Requested appl. filing via EPC 10/3/03
			UNITED REP OF TANZANIA					3/20/2002			☐	PCT-AP
											☐	NON-PROVISIONAL APPLICATION FILED
			UZBEKISTAN					3/20/2002			☐	PCT
	675-02	4/18/02	VENEZUELA						4/15/2002		☐	NON-PCT -Published in Venezuela on 11/10/2004
			VIETNAM					3/20/2002			☐	PCT
			YUGOSLAVIA					3/20/2002			☐	PCT
			ZAMBIA					3/20/2002			☐	PCT-AP
			ZIMBABWE					3/20/2002			☐	PCT-AP
P34367 / 03137.000201												
ADVANCED NATURAL GAS LIQUIDS EXTRACTION (ANGLE) (01/20)												
	\$ 2003/9504		AFRICA, SOUTH				6/4/2005	6/3/2002			☐	PCT -filed National Stage Appl.
	\$ 030315	12/27/03	ALGERIA				6/4/2005	6/3/2002			☐	PCT -filed National Stage Appl.
	\$ 452/A	6/14/02	ANGOLA				8/28/2005	6/3/2002	6/4/2002		☐	NON-PCT (prev.pat appl no. used 4094)
	\$ P020102186	6/10/02	ARGENTINA					6/3/2002	6/4/2002		☐	NON-PCT -filed Request for Examination 3/29/2005
	\$		ARMENIA					6/3/2002			☒	PCT-EA Country not designated on Eurasian patent 4/22/2005
	\$ 1 020 810	6/6/02	ARUBA	6/15/2004	1020810			6/3/2002			☒	ABANDONED-Aruba is covered under Dutch Patent No. 1020810 per FCHS ltr
	2002349087		AUSTRALIA					6/3/2002			☐	PCT -filed National Stage Appl.
			AUSTRIA					6/3/2002			☐	PCT-EPC
	\$		AZERBAIJAN					6/3/2002			☒	PCT-EA -Country not designated on Eurasian patent 4/22/2005
	1025/2002	6/8/02	BAHRAIN	9/17/02	P/1441	6/8/2017		6/3/2002	6/4/2002		☐	NON-PCT
	\$ 110/02	6/8/02	BANGLADESH					6/3/2002	6/4/2002		☒	NON-PCT ABANDONED
	\$		BELARUS					6/3/2002			☒	PCT-EA Country not designated on Eurasian patent 4/22/2005
			BELGIUM					6/3/2002			☐	PCT-EPC
			BENIN					6/3/2002			☐	PCT-OA
	3224/02	6/7/02	BOLIVIA					6/3/2002	6/4/2002		☒	ABANDONED per HMH 9/22/02
	\$ PI0210928		BRAZIL		PI0210928-0		6/4/2005	6/3/2002			☐	PCT -Request for Examination 1/4/2005-Patent No. assigned 1/30/2004
			BRITISH VIRGIN ISLAND					6/3/2002			☒	NON-PCT
		6/7/02	BRUNEI DARUSSALAM					6/3/2002	6/4/2002		☐	NON-PCT
			BURKINA FASO					6/3/2002			☐	PCT-OA

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
P34367 / 03137.000201												
ADVANCED NATURAL GAS LIQUIDS EXTRACTION (ANGLE) (01/20)												
\$ 2,448,884	6/4/02		CAMEROON					6/3/2002			☐	PCT-OA
			CANADA			6/4/2005	6/3/2002		☐	PCT -filed National Stage Appl.		
			CENTRAL AFRICAN REPUBLIC			6/3/2002		☐	PCT-OA			
1219/2002	6/1/02		CHAD					6/3/2002			☐	PCT-OA
			CHILE				6/3/2002	6/4/2002	☐	NON-PCT copy of response to outst Off Action 2/8/05		
			CHINA (PRC)				6/3/2002		☐	PCT -Appl published 3/9/2005		
\$ 02814294.2	6/4/02		COLOMBIA					6/3/2002			☐	PCT
			CONGO				6/3/2002		☐	PCT-OA		
			COTE D'IVOIRE				6/3/2002		☐	PCT-OA		
\$ 617/2002	6/8/02		CYPRUS					6/3/2002			☐	PCT-EPC
			DENMARK				6/3/2002		☐	PCT-EPC		
			EGYPT	10/24/2004	23257	6/7/2022	6/10/2005	6/3/2002	6/4/2002	☐	NON-PCT Note:Preliminary Amendment filed 12/26/02	
\$ 200400014	1/6/04		EQUATORIAL GUINEA					6/3/2002			☒	ABANDONED
			EURASIA	2/24/2005	005326	6/4/2022	5/30/2005			☐	PCT-EA Kazakhstan&Russian Fed designated in thisPatent	
			FINLAND					6/3/2002		☐	PCT-EPC	
02778941.1	12/17/03		FRANCE					6/3/2002			☐	PCT-EPC -filed National Stage Appl
			GABON					6/3/2002		☐	PCT-OA	
			GAMBIA					6/3/2002		☐	PCT-AP	
02778941.1	12/17/03		GEORGIA					6/3/2002			☐	PCT
			GERMANY					6/3/2002		☐	PCT-EPC -filed National Stage Appl	
			GHANA					6/3/2002		☐	PCT-AP	
\$			GREECE					6/3/2002			☐	PCT-EPC
			GUINEA					6/3/2002		☒	Decision to abandon per e-mail to FCHS 11/9/04	
			GUINEA-BISSAU					6/3/2002		☐	PCT-OA	
01948/CHENP/2003	12/8/03		HONG KONG					6/3/2002			☐	NON-PCT -FCHS requested filing a "Request to record" 4/28/2005
			HUNGARY					6/3/2002		☐	PCT	
			INDIA					6/3/2002		☐	PCT -Reminder:request for Examination must be made by June 4,2006	
W002003 02414	12/5/03		INDONESIA					6/3/2002			☐	PCT -filed National Stage Appl.- Request for Exam req 2/3/05
38208019	10/26/03		IRAN				10/25/2004				☐	PCT -filed patent appl. Nov,2003
			IRAQ							☐	PCT-filed patent application	
			IRELAND					6/3/2002		☐	PCT-EPC	
02778941.1	12/17/03		ITALY					6/3/2002			☐	PCT-EPC -filed National Stage Appl
2003-504027	2/9/04		JAPAN					6/3/2002			☐	PCT -Requested examination 1/4/2005
\$			KAZAKHSTAN					6/3/2002			☐	PCT-EA -Requested patent protection via Eurasian patent 4/22/2005
			KENYA					6/3/2002		☐	PCT-AP	
			KOREA, NORTH (DPRK)	4/29/2005	42630			6/3/2002		☐	PCT -Grant fee and 1st to 4th annuities payment approved 5/19/2005	
10-2003-7016093			KOREA, SOUTH (RK)					6/3/2002			☐	PCT -filed National Stage Appl/publ.2/04
75 PA/02	6/8/02		KUWAIT					6/3/2002	6/4/2002		☐	NON-PCT
\$			KYRGYZSTAN					6/3/2002			☒	PCT-EA Country not designated on Eurasian patent 4/22/2005
			LESOTHO					6/3/2002		☐	PCT-AP	
			LIBYA					6/3/2002		☐	NON-PCT- Appl.to the O.F.A.C for a license to file in Lybia	

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
P34367 / 03137.000201												
ADVANCED NATURAL GAS LIQUIDS EXTRACTION (ANGLE) (01/20)												
			LUXEMBOURG					6/3/2002			☐	PCT-EPC
			MALAWI					6/3/2002			☐	PCT-AP
	PI 20022122	6/7/02	MALAYSIA					6/3/2002	6/4/2002		☐	NON-PCT
		6/7/02	MALAYSIA, WEST					6/3/2002	6/4/2002		☒	NON-PCT
			MALI					6/3/2002			☐	PCT-OA
			MAURITANIA					6/3/2002			☐	PCT-OA
	PA/a/2003/011267	12/5/03	MEXICO					6/3/2002			☐	PCT -filed National Stage Appl.
			MONACO					6/3/2002			☐	PCT-EPC
			MOZAMBIQUE					6/3/2002			☐	PCT-AP
	N/A	6/7/02	MYANMAR					6/3/2002	6/4/2002		☐	NON-PCT - Application files
	1 020 810	6/6/02	NETHERLANDS	6/15/04	1020810			6/3/2002			☐	PCT-EPC - This patent covers the Netherlands and Aruba-
	529941	12/3/03	NEW ZEALAND					6/3/2002			☐	PCT -filed National Stage Appl.
			NIGER					6/3/2002			☐	PCT-OA
	239/2002	6/7/02	NIGERIA					6/3/2002	6/4/2002		☐	NON-PCT
	2003 5423	2/10/04	NORWAY				6/30/2004	6/3/2002			☐	PCT -filed Natl Stage Appl.-Filed a 2nd appl.see J.Murnane e-mail
			OMAN					6/3/2002			☐	PCT -filed National Stage Appl.
	0512/02	6/7/02	PAKISTAN					6/3/2002	6/4/2002		☒	ABANDONED
			PAPUA NEW GUINEA					6/3/2002	6/4/2002		☐	NON-PCT
\$	13487/02	6/7/02	PARAGUAY					6/3/2002			☒	ABANDONED - 9/22/2003
	PCT/US02/17675	6/4/02	PCT								☐	PCT - File NATIONAL PHASE APPL. by 10/8/03
\$	02778941.1	12/17/03	PCT-EPC (EUROPE)				6/4/2005		11/25/2003		☐	PCT-EPC
\$	497.2002	6/11/02	PERU				6/11/2005	6/3/2002	6/4/2002		☐	NON-PCT
			PHILLIPINES					6/3/2002			☐	PCT
			POLAND					6/3/2002			☐	PCT
			PORTUGAL					6/3/2002			☐	PCT-EPC
\$	PCT/US02/17675	6/4/02	QATAR					6/3/2002			☐	NON-PCT -requested publication of Cautionary Notices per FCHS ltr
			REPUBLIC OF MOLDOVA					6/3/2002			☐	PCT-EA
\$			RUSSIAN FEDERATION					6/3/2002			☐	PCT-EA -Requested patent protection via Eurasian patent 4/22/2005
	02230280	9/1/02	SAUDI ARABIA				1/1/2005	6/3/2002	6/4/2002		☐	NON-PCT
			SENEGAL					6/3/2002			☐	PCT-OA
			SIERRA LEONE					6/3/2002			☐	PCT-AP
			SINGAPORE					6/3/2002			☐	PCT
	02778941.1	12/17/03	SPAIN					6/3/2002			☐	PCT-EPC -filed National Stage Appl.
			SUDAN					6/3/2002			☐	PCT-AP
			SWAZILAND					6/3/2002			☐	PCT-AP
			SWEDEN					6/3/2002			☐	PCT-EPC
			SWITZERLAND&LIECHTENSTEIN					6/3/2002			☐	PCT-EPC
	91112453	6/7/02	TAIWAN (RC)	7/21/04	199096	6/6/2022	5/6/2004	6/3/2002	6/4/2002		☒	NON-PCT
\$			TAJKISTAN					6/3/2002			☒	PCT-EA Country not designated in Eurasian patent 4/22/2005
			TANZANIA, UNITED REPUBLIC					6/3/2002			☐	PCT-AP
	074311	6/7/02	THAILAND					6/3/2002	6/4/2002		☐	NON-PCT
			TOGO					6/3/2002			☐	PCT-OA
\$	TT/A/2003/00220		TRINIDAD AND TOBAGO				6/4/2005	6/3/2002			☐	PCT -filed National Stage Appl.
			TUNISIA					6/3/2002			☐	PCT
			TURKEY					6/3/2002			☐	PCT-EPC

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
P34367 / 03137.000201												
ADVANCED NATURAL GAS LIQUIDS EXTRACTION (ANGLE) (01/20)												
\$			TURKMENISTAN					6/3/2002			☒	PCT-EA Country not designated on Eurasian patent 4/22/2005
			UGANDA					6/3/2002			☐	PCT-AP
	UA20031211096/M		UKRAINE					6/3/2002			☐	PCT -draft ltr of instr to associate in Ukraine
	406/2003	12/8/03	UNITED ARAB EMIRATES				6/4/2004	6/3/2002			☐	PCT -filed National Stage Appl.
	02778941.1	12/17/03	UNITED KINGDOM					6/3/2002			☐	PCT-EPC -filed National Stage Appl.
	60/296,848	6/8/01	UNITED STATES						6/4/2002		☐	PROVISIONAL APPLICATION
											☐	NON-PROVISIONAL APPLICATION FILED
	27.327	6/8/02	URUGUAY					6/3/2002	6/4/2002		☒	NON-PCT; Published in Uruguay, Ind. Prop.Bulletin No.37, 10/31/02
			UZBEKISTAN					6/3/2002			☐	PCT
\$	1112-02	6/10/02	VENEZUELA					6/3/2002	6/4/2002		☐	NON-PCT requested Examination 3/18/05
			VIETNAM					6/3/2002			☐	PCT
		6/8/01	YEMEN, NORTH					6/3/2002	6/4/2002		☒	NON-PCT - Patent Appl. Receipt # 897764
		6/8/02	YEMEN, PEOPLES DEM. REPUB					6/3/2002	6/4/2002		☒	NON-PCT
			ZAMBIA					6/3/2002			☐	PCT-AP
			ZIMBABWE					6/3/2002			☐	PCT-AP
35462 / 03137.000226												
ANGLE WITH SPLIT FLOW REFLUX (ANGLE-SFR) (01/22)												
			ANGOLA								☐	Deed of Assignment sent to FCHS 12/28/04
	P040103911	10/27/04	ARGENTINA						6/24/2004		☐	Request for examination requested 2/3/2005
\$			BAHRAIN								☐	Deed of Assignment sent to FCHS 4/6/2005
\$			BRUNEI						4/5/2005		☐	Requested preparation and filing of pat. Appl 4/5/2005
	3341/2004	12/30/2004	CHILE						6/16/2004		☐	FCHS sent letter for Pat App filing 10/29/04
			HONG KONG								☐	
\$	38311075	1/27/2005	IRAN						6/9/2004		☐	Application filing requested 1/19/2005
	129/2004	12/5/04	IRAQ						6/9/2004		☐	
\$	14 PA/05	2/2/2005	KUWAIT						6/9/2004		☐	
\$	3297/2005	3/17/2005	LIBYA								☐	
			MALAYSIA						6/9/2004		☐	
			MYANMAR								☐	Declaration of ownership 5/21/04
	427/004	11/11/04	NIGERIA						6/21/2004		☐	
		4/26/04	PCT					4/26/2004	4/26/2004		☐	PCT -copy of Intl Search Report rcvd' 1/14/05
	1092.2004	11/9/04	PERU						6/21/2004		☐	FCHS sent letter for Pat App filing 10/29/04
\$			QATAR						6/9/2004		☐	Cautionary notice published 2/7/2005
\$	05260083	4/9/2005	SAUDI ARABIA								☐	Previous appl no. assigned was wrong per Anna Marino's e-mail
	096538	12/24/04	THAILAND						6/16/2004		☐	
\$											☐	PATENT PENDING - Paid pat. Appl. Issue fee 3/23/2005
			VENEZUELA						6/21/2004		☐	FCHS sent letter for Pat App filing 10/29/04

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
P35709 / 03137.000205												
SUPPLEMENTAL RECTIFICATION PROCESS (SRP) (01/24)												
	PCT/US2004/004206	2/11/04	ALGERIA					1/30/2004			☐	PCT
	612	2/19/04	ANGOLA						2/11/2004		☐	FCHS ltr with instr.to file Appl for Patent 2/11/04
	P04 01 00589	2/25/04	ARGENTINA						2/11/2004		☐	FCHS ltr with instr.to file Appl for Patent 2/5/04
	PCT/US2004/004206	2/11/04	AUSTRALIA					1/30/2004			☐	PCT
	PI-0027-2004		BOLIVIA				1/30/2005		2/11/2004		☐	FCHS ltr with instr.to file Appl for Patent 2/11/04
	PCT/US2004/004206	2/11/04	BRAZIL					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	CANADA					1/30/2004			☐	PCT
	0350/2004	2/24/04	CHILE						2/11/2004		☐	FCHS ltr with instr.to file Appl for Patent 2/11/04
	PCT/US2004/004206	2/11/04	CHINA (PRC)					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	COLOMBIA					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	EGYPT					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	EQUATORIAL GUINEA					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	FRANCE					1/30/2004			☐	PCT
			GCC				1/10/2005				☐	
	PCT/US2004/004206	2/11/04	GERMANY					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	INDIA					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	INDONESIA					1/30/2004			☐	PCT
	38211138	2/15/04	IRAN				2/14/2005		2/11/2004		☐	FCHS ltr with instr.to file Appl for Patent 2/11/04
	11/2004	2/23/04	IRAQ						2/11/2004		☐	FCHS ltr with instr.to file Appl for Patent 2/11/04
	PCT/US2004/004206	2/11/04	ITALY					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	JAPAN					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	KAZAKHSTAN					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	KOREA, NORTH (DPRK)					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	KOREA, SOUTH (RK)					1/30/2004			☐	PCT
	21 PA/04	2/14/04	KUWAIT						2/11/2004		☐	FCHS ltr with instr.to file Appl for Patent 2/11/04
			LIBYA						2/11/2004		☐	FCHS ltr with instr.to file Appl for Patent 2/11/04
	PI 20040605	2/25/04	MALAYSIA						2/11/2004		☐	FCHS ltr with instr.to file Appl for Patent 2/11/04
	PCT/US2004/004206	2/11/04	MEXICO					1/30/2004			☐	PCT
			MYANMAR								☐	Declaration of ownership 5/21/04
	PCT/US2004/004206	2/11/04	NETHERLANDS					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	NEW ZEALAND					1/30/2004			☐	PCT
\$	074/04/13	2/24/04	NIGERIA	9/15/2004	RP 15791	9/15/2024	2/24/2005		2/11/2004		☐	FCHS ltr with instr.to file Appl for Patent 2/11/04
	PCT/US2004/004206	2/11/04	NORWAY					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	OMAN					1/30/2004			☐	PCT
	0117/04	2/19/04	PAKISTAN						2/11/2004		☐	FCHS ltr with instr.to file Appl for Patent 2/11/04
	PCT/US2004/004206	2/11/04	PAPUA NEW GUINEA					1/30/2004			☐	PCT
	PCT/US04/04206	2/12/04	PCT					1/30/2004			☐	received end of Oct.2004 a copy as published by Int. Bureau
	190.2004	2/24/04	PERU						2/11/2004		☐	NON-PCT -Pat. Appl published 1/11/2005
	PCT/US2004/004206	2/11/04	PHILLIPINES					1/30/2004			☐	PCT
			QATAR						2/11/2004		☐	FCHS ltr with instr.to file Appl for Patent 2/11/04
	PCT/US2004/004206	2/11/04	REPUBLIC OF SOUTH AFRICA					1/30/2004			☐	PCT

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		
P35709 / 03137.000205												
SUPPLEMENTAL RECTIFICATION PROCESS (SRP) (01/24)												
	PCT/US2004/004206	2/11/04	RUSSIAN FEDERATION					1/30/2004			☐	PCT
\$	GCC/P/2004/3253	2/25/04	SAUDI ARABIA						2/11/2004		☐	FCHS ltr with instr.to file Appl for Patent 2/11/04
	PCT/US2004/004206	2/11/04	SINGAPORE					1/30/2004			☐	PCT
\$	93104150	2/19/04	TAIWAN (RC)						2/11/2004		☐	NON-PCT Filed request for Substantive exam 2/25/05
	088914	2/23/04	THAILAND						2/11/2004		☐	FCHS ltr with instr.to file Appl for Patent 2/11/04
	PCT/US2004/004206	2/11/04	TRINIDAD AND TOBAGO					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	TURKMENISTAN					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	UKRAINE					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	UNITED ARAB EMIRATES					1/30/2004			☐	PCT
	PCT/US2004/004206	2/11/04	UNITED KINGDOM					1/30/2004			☐	PCT
	60/449,772	2/25/2003	UNITED STATES								☐	PROVISIONAL APPLICATION superceded by PCT filing (US included)
	PCT/US2004/004206	2/11/04	UNITED STATES		PCT/US2004/0042			1/30/2004			☐	PCT- US Non-Prov-designated among PCT own # will be assigned later
	PCT/US2004/004206	2/11/04	UZBEKISTAN					1/30/2004			☐	PCT
	242-04	2/20/04	VENEZUELA						2/11/2004		☐	FCHS ltr with instr.to file Appl for Patent 2/11/04
	PCT/US2004/004206	2/11/04	VIETNAM					1/30/2004			☐	PCT
	42219	2/18/04	YEMEN, REPUBLIC OF						2/11/2004		☐	
A35714 / 03137.000207												
SIMPLIF RESIDUE/DEMETHANIZER OVERHEAD (SIDO-SRDO) (01/23)												
	P 0401 00617		ARGENTINA								☐	FCHS ltr with instr.to file Appl for Patent 2/5/04
			EGYPT								☐	PCT-Pat appl will be filed/covered when entering national phase later
	20 PA/04	2/9/04	KUWAIT								☐	FCHS ltr with instr.to file Appl for Patent 2/5/04
\$	PI20040770	3/5/04	MALAYSIA								☐	Request for Examination due 3/4/06 - on or shortly before due date appr
\$	091/004	3/5/2005	NIGERIA								☐	FCHS ltr with instr.to file Appl for Patent 2/5/04
\$	PCT/US2004/003330	2/6/04	PCT								☐	PCT -Response to Written opinion filed 5/5/05
\$	214.2004	3/4/04	PERU								☐	FCHS ltr with instr.to file Appl for Patent 2/5/04
	20 PA/04	2/9/04	QATAR								☐	FCHS ltr with instr.to file Appl for Patent 2/5/04
\$	04250031	3/9/04	SAUDI ARABIA				1/1/2005				☐	FCHS ltr with instr.to file Appl for Patent 2/5/04
	089177	3/4/04	THAILAND								☐	FCHS ltr with instr.to file Appl for Patent 2/5/04
\$											☐	New U.S. Non-prov Patent Application -Patent no. assigned/not revd yet
\$			UZBEKISTAN								☒	ABANDONED - (HMH) per PAA's note 3/18/2005
	318-04	3/4/04	VENEZUELA								☐	FCHS ltr with instr.to file Appl for Patent 2/5/04
\$			YEMEN								☐	Application was never filed. No intention to file in this country.
03137.000200												
LNG FRACTIONATION PROCESS (LFP) (01/25)												
	P040103222	9/8/04	ARGENTINA					7/1/2004			☐	Appl sched for publ/Arg 3/8/2006

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									APPLY	ABANDON		
03137.000200												
LNG FRACTIONATION PROCESS (LFP) (01/25)												
	2499/2004	9/28/04	CHILE						7/1/2004			Inf. Sheet sent to Chile 9/3/04
	0591/04	8/3/04	PAKISTAN									
\$	PCT/US04/021310	7/1/04	PCT						7/1/2004			All PCT particip. Countries designated in appl.filing- Appl publishd
\$	10/675,785	9/30/03	UNITED STATES		10/675,785*							Appl.published 3/31/05-chkd-
03137.000223												
ANGLE WITH SUPPLEMENTAL RECTIFIC PROCESS (ANGLE/SRP) (01/26)												
\$	731	4/26/2005	ANGOLA									
\$	P05 01 01442	4/13/2005	ARGENTINA									
\$			BAHRAIN									Patent office is not rcvng pat appl., request filing a GCC appl3/22/05
\$			BRUNEI									Requested preparation and filing of pat. Appl. 4/5/2005
\$			CHILE									Deed of Assign.JDW/JTL sent to FCHS,forwarded to KTC2/2/105
\$	GCC/P/2005/4608	5/4/2005	GCC									Filing a GCC pat appl in place of the Bahraini appl. See Bahrain files
\$	384011067	4/16/2005	IRAN									
\$	53/2005	4/14/2005	IRAQ									
\$	36 PA/05	3/28/2005	KUWAIT									
\$	3305/2005	4/25/2005	LIBYA									
\$		4/28/2005	PCT					1/19/2005	1/19/2005			PCT patent appl. Filed 4/28/2005 -no number yet
\$	412.2005	4/13/2005	PERU									Deed of assignment fw'd to ktc and sent to FCHS 4/25/2005
\$			QATAR									Cautionary notices have been published in Qatar 4/3/2005
\$			SAUDI ARABIA									Deed of Assign.JDW/JTL/HMH sent to FCHS 3/28/2005
\$												Assignment recordation copy received
03137.000201.1												
LIQUIDS EXTRACTION/DIVISIONAL (ANGLE/DIV) (01/29)												
			FOREIGN filing same/ANGLE									See ANGLE (01/20) countries, same filed here
\$												DIVISIONAL APPL based on origANGLE patent appl-Request f/Reconsiderati
03137.000228												
LNG FRACTIONATION PROCESS II (LFP 2) (01/30)												
\$			PCT					5/12/2005	5/12/2005			PCT and Non-PCT list for filing sent to FCHS 5/12/2005
\$												4th PROV PAT APPL
\$												PROVISIONAL APPLICATION - Non-Prov&Foreign file deadline7/1/05
\$												2nd PROV PAT APPL -, filed 3rd PROV 4/8/05, filed 4th PROV 4/15/05
\$												3rd PROV PAT APPL

ELCOR /FCHS FILE NO. AND DESCR.	PATENT APPLICATION NUMBER	DATE FILED	COUNTRY IN WHICH FILED	DATE PATENT AWARD	PATENT NUMBER	EXP. DATE	LAST MAINT PAID ON	DESIGN STATES	DECISION		EXPI RED	REMARKS
									APPLY	ABANDON		

- (1) Foreign filing deadline by 5/4/05 (ANGLE-SRP)
- (2) See 01/20 for country listings (ANGLE-DIV is based on ANGLE)
- (3) Non-Provisional Patent Application and Foreign filing deadline is 7/1/2005 (LFP2)

* or ** on Patent Appication or Patent No. fields when no Patent No. has been issued yet but the field is needed for this report.

> Indicates a Patent has expired or has been abandoned.

If you prefer only Active information (no abandoned/expired patents or pending patent applications), request the rptPatentAwardStatusInternalActive report

When filing PCT countries. It is the same cost for the initial filing for all countries as is to designate specific countries.

Legend (Remarks field): AP=ARIPO Patent, EA=Eurasian Patent, EPC=European Patent, OA=OAPI Patent.

If you need a list of PCT and Non-PCT contracting Nations (country name and country 2 digit code), request the PCTContractingCountries and nonPCTContractingCountries reports.

Update Indicator criteria for this report: > 2/18/2005.

S:\4\5\rptPatentAwardStatusInternalAllIncluded