

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
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NATURE OF CONVEYANCE:	ASSIGNMENT
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CONVEYING PARTY DATA	
Name	Execution Date
Monsanto Company	06/01/2004

RECEIVING PARTY DATA	
Name:	Monsanto Enviro-Chem Systems, Inc.
Street Address:	14522 South Outer Forty Road
City:	St. Louis
State/Country:	MISSOURI
Postal Code:	63017

PROPERTY NUMBERS Total: 27

Property Type	Number
Patent Number:	5118490
Patent Number:	5538707
Patent Number:	4193894
Patent Number:	4689127
Patent Number:	4470449
Patent Number:	4564377
Patent Number:	4086070
Patent Number:	4818257
Patent Number:	5919405
Patent Number:	4442052
Patent Number:	4576813
Patent Number:	4670242
Patent Number:	4996038
Patent Number:	4478809
Patent Number:	5843210

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Patent Number:	5130112
Patent Number:	5503821
Patent Number:	5175136
Patent Number:	5264200
Patent Number:	5045094
Patent Number:	4266951
Patent Number:	5154734
Patent Number:	4169714
Patent Number:	5851265
Patent Number:	4115233
Patent Number:	6106592
Patent Number:	4443233

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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NAME OF SUBMITTER:	Penelope S. Johnson
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Total Attachments: 14
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ASSIGNMENT

1. WHEREAS, Monsanto Company (Federal Tax Identification No. 43-0420020), a corporation duly organized and existing under and by virtue of the laws of the state of Delaware, was assigned the entire right, title and interest in and to certain letters patent and applications for letters patent set forth in Exhibit A, and the inventions disclosed therein;

2. WHEREAS, Monsanto Company (Federal Tax Identification No. 43-0420020), merged with Pharmacia and Upjohn, a corporation of the state of Delaware, and the above mentioned Monsanto Company (Federal Tax Identification No. 43-0420020) thereafter changed its name to Pharmacia Corporation, effective March 31, 2000;

3. WHEREAS, as a result of the above-mentioned merger and name change, Pharmacia Corporation of 575 Maryville Centre Drive, St. Louis, Missouri 63141, a corporation duly organized and existing under and by virtue of the laws of the State of Delaware (hereinafter referred to as Assignor), is the owner of the entire right, title, and interest in and to certain letters patent and applications for letters patent set forth in Exhibit A, and the inventions disclosed therein; and

4. WHEREAS, Monsanto Enviro-Chem Systems, Inc. of Corporate Pointe, 14522 South Outer Forty Road, St. Louis, Missouri 63017, a corporation duly organized and existing under and by virtue of the laws of the State of Delaware (hereinafter referred to as

Assignee), is desirous of acquiring said right, title, and interest of Assignor.

5. **NOW, THEREFORE,** in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration by Assignee to Assignor in hand paid, receipt of all of which is hereby acknowledged, Assignor has agreed to and does hereby sell, assign and transfer unto Assignee, its successors and assigns, all of Assignor's right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said letters patent set forth in Exhibit A and all reissues thereof and reexamination certificates therefor, and the inventions disclosed therein, including Assignor's full right to sue for and recover all damages recoverable from past infringements of said letters patent, and Assignor has further agreed to and does hereby sell, assign, and transfer unto Assignee, its successors and assigns, all of Assignor's right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said applications for letters patent set forth in Exhibit A, the inventions disclosed therein, all other United States or foreign applications for letters patent (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on any letters patent or application for letters patent set forth in Exhibit A or in whole or in part on said inventions, and any and all United States or

foreign letters patent (including extensions thereof) that have been or may be granted on any of the aforesaid applications for letters patent or on said inventions or any part thereof.

6. **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 sale and assignment not been made.

7. **AND** Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America or any corresponding authority of any foreign country to issue any and all United States or foreign letters patent that may be granted on any of the aforesaid applications for letters patent or on said inventions or any part thereof to Assignee, its successors and assigns.

8. **AND** Assignor hereby agrees to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue or other applications for letters patent of any country, that may be deemed necessary by said Assignee, its successors or assigns fully to secure its interest as aforesaid in and to said letters patent and said applications for letters patent listed in Exhibit A, any of the other aforesaid letters patent or applications for letters patent or said inventions or any part thereof.

9. **AND** Assignor covenants that Assignor has granted no right or license to make, use or sell said inventions to anyone

ASSIGNMENT
EXHIBIT A

MATTER	COUNTRY	SERIAL NO.	PATENT NO.	TITLE	STATUS	FILE	ISSUE
ENV6367	US	07/369,301	5,118,490	ABSORPTION OF WET CONVERSION GAS	ISSUED	6/21/1989	6/ 2/1992
ENV9549	Canada	2,019,462	2,019,462	ABSORPTION OF WET CONVERSION GAS	ISSUED	6/20/1990	10/27/1998
ENV9547	Germany	14019184.2	40 19 184	ABSORPTION OF WET CONVERSION GAS	ISSUED	6/15/1990	3/5/2004
ENV9548	Great Britain	9013791	2233321	ABSORPTION OF WET CONVERSION GAS	ISSUED	6/20/1990	6/ 9/1993
ENV9545	Morocco	22143	21874	ABSORPTION OF WET CONVERSION GAS	ISSUED	6/13/1990	12/31/1990
ENV9546	Tunisia	90086	16325	ABSORPTION OF WET CONVERSION GAS	ISSUED	6/20/1990	1/ 5/1991
ENV9679	US	08/203,821	5,538,707	ACID CONCENTRATION CONTROL IN SO3 ABSORPTION	ISSUED	3/ 1/1994	7/23/1996
ENV 3200	US	2,648	4,193,894	CATALYST FOR OXIDATION OF SULFUR DIOXIDE	EXPIRED	1/11/1979	3/18/1980
ENV3200 1	Brazil	002648	8000146	CATALYST FOR OXIDATION OF SULFUR DIOXIDE	EXPIRED	1/11/1979	1/10/1980
ENV3200 2	Canada	343423	1127620	CATALYST FOR OXIDATION OF SULFUR DIOXIDE	EXPIRED	1/10/1980	7/13/1982
ENV9554	Japan	2505-80	1481403	CATALYST FOR OXIDATION OF SULFUR DIOXIDE	ABANDONED	1/10/1980	2/10/1989
ENV9555	Mexico	180767-80	152990	CATALYST FOR OXIDATION OF SULFUR DIOXIDE	EXPIRED	1/11/1980	7/14/1986
ENV9759	South Africa	152-80	152	CATALYST FOR OXIDATION OF SULFUR DIOXIDE	EXPIRED	1/10/1980	3/25/1981
ENV 3191.1	Canada	290842/77	1078670	COMBUSTION CHAMBER WITH SLAG DAM CONTROL OF ANODIC PASSIVATION	EXPIRED	11/14/1977	6/ 3/1980
ENV5205	US	06/830,383	4,689,127	SYSTEMS	ISSUED	2/14/1986	8/25/1987
ENV6208	US	364,595	4,470,449	ECONOMIZER ARRANGEMENT	EXPIRED	4/ 2/1982	9/11/1984
ENV 3196.1	Canada	325166	1134286	ELECTROSTATICALLY AUGMENTED FIBER BED	EXPIRED	4/ 9/1979	10/26/1982
ENV6219	US	626,073	4,564,377	FIBER BED SEPARATOR	ISSUED	6/29/1984	1/14/1986
ENV9558	Australia	22486/85	569628	FIBER BED SEPARATOR	ABANDONED	6/28/1985	5/20/1988
ENV9737	Belgium		Belgian Validation of European Patent No. 0172798	FIBER BED SEPARATOR	ABANDONED	6/28/1985	4/24/1991
ENV9559	Brazil	3116/85	8503116	FIBER BED SEPARATOR	ABANDONED	6/28/1985	4/30/1991
ENV9561	Canada	486054-85	1263612	FIBER BED SEPARATOR	ABANDONED	6/28/1985	12/ 5/1989
ENV9560	China	85105146.4	429	FIBER BED SEPARATOR	ABANDONED	7/ 6/1985	11/ 5/1987

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MATTER	COUNTRY	SERIAL NO	PATENT NO.	TITLE	STATUS	FILE	ISSUE
ENV9741	Germany European Patent Convention	85870093.3	P3582632.0 German Validation of European Patent No. 0172798	FIBER BED SEPARATOR	ABANDONED	6/28/1985	4/24/1991
ENV9562	France	0172798	French Validation of European Patent No. 0172798	FIBER BED SEPARATOR	ABANDONED	6/28/1985	4/24/1991
ENV9738	Great Britain	0172798	Great Britain Validation of European Patent No. 0172798	FIBER BED SEPARATOR	ABANDONED	6/28/1985	4/24/1991
ENV9739	Great Britain	0172798	Italian Validation of European Patent No. 0172798	FIBER BED SEPARATOR	ABANDONED	6/28/1985	4/24/1991
ENV9740	Italy	140641/85	1781710	FIBER BED SEPARATOR	ABANDONED	6/28/1985	4/24/1991
ENV9621	Japan	205822/85	164552	FIBER BED SEPARATOR	ABANDONED	6/28/1985	8/13/1993
ENV9603	South Africa	4923/85	4923	FIBER BED SEPARATOR	ABANDONED	6/28/1985	8/26/1992
ENV6219.8	US	737,291	4,086,070	FIBER BED SEPARATOR AND METHOD FOR SEPARATION OF AEROSOLS FROM GASES WITHOUT RE-ENTRAINMENT	EXPIRED	11/1/1976	4/25/1978
ENV6342.4	Belgium	173566/76	849766	FIBER BED SEPARATOR AND METHOD	EXPIRED	12/22/1976	6/22/1977
ENV9756	Canada	268351/76	1060354	FIBER BED SEPARATOR AND METHOD	EXPIRED	12/21/1976	8/14/1979
ENV9757	France	38598	38598	FIBER BED SEPARATOR AND METHOD	ABANDONED	12/21/1976	9/20/1982
ENV9589	Great Britain	53369	1546810	FIBER BED SEPARATOR AND METHOD	EXPIRED	12/21/1976	8/1/1979
ENV9765	Japan	154142-76	1331185	FIBER BED SEPARATOR AND METHOD	EXPIRED	12/21/1976	8/14/1986
ENV9758	Italy	307270 A-76	1192134	FIBER BED SEPARATOR AND METHOD FOR REMOVAL OF AEROSOLS FROM HIGH VELOCITY GAS WITHOUT RE- ENTRAINMENT	EXPIRED	12/21/1976	3/31/1988
ENV6364	US	07/044,938	4,818,257	FLUID DISTRIBUTION SYSTEM FOR AN ABSORPTION TOWER	ISSUED	5/1/1987	4/4/1989
ENV9801	US	08/956,707	5,919,405	FORM FOR REFRACTORY FACED TUBE SHEETS	ISSUED	10/23/1997	7/6/1999
ENV6203	US	06/365,209	4,442,052		ABANDONED	4/5/1982	4/10/1984

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MATTER	COUNTRY	SERIAL NO.	PATENT NO.	TITLE	STATUS	FILE	ISSUE
ENV6331	US	06/510,527	4,576,813	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	EXPIRED	7/ 5/1983	3/18/1986
ENV9568	US	08/669,971	4,670,242	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	EXPIRED	11/9/1984	6/ 2/1987
ENV9563	US	06/909,708	4,996,038	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	EXPIRED	9/19/1986	2/26/1991
ENV9581	Brazil	3294/84	8403294	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	EXPIRED	7/ 3/1984	4/30/1991
ENV9615	Argentina	297094/84	239,069	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/ 5/1984	6/ 3/1989
ENV9744	Australia	30233/84	564505	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/ 3/1984	11/17/1987
ENV9580	Belgium		Belgian Validation of European Patent No. 0130967	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/ 4/1984	1/ 2/1988
ENV9730	Belgium		Belgian Validation of European Patent No. 0181313	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/5/1985	12/9/1992
ENV9875	Belgium		Belgian Validation of European Patent No. 0499290	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/5/1985	3/11/1988
ENV9582	Canada	458014-84	1256671	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/ 3/1984	7/ 4/1989
ENV9570	Canada	469390-84	1303814	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	12/5/1984	6/23/1992
ENV9571	Canada	494966-85	1308876	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/8/1985	10/20/1992
ENV9565	Canada	547313	1334783	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	9/18/1987	3/21/1995
ENV9605	Serbia and Montenegro	P-1162/84	45188-P-116284 P3468857.9 German	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/ 3/1984	3/18/1986
ENV9751	Germany		Validation of European Patent No. 0130967	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/ 4/1984	1/ 2/1988
ENV9734	Germany		P3586888.0 German Validation of European Patent No. 0181313	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/5/1985	12/9/1992
ENV9876	Germany		P3588179.8 German Validation of European Patent No. 0499290	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/5/1985	3/11/1998

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MATTER	COUNTRY	SERIALNO	PATENTNO	TITLE	STATUS	FILE	ISSUE
ENV9743	Algeria European Patent Convention	7352-84	713	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	12/10/1984	3/17/1992
ENV9583		84870093-6	0130967	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/4/1984	1/2/1988
ENV9767	Spain	533910-84	533910	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/2/1984	6/18/1985
ENV9742	Spain	543604-85	543604	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	5/29/1985	10/9/1985
ENV9584	Finland	2672-84	77634	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/3/1984	4/10/1989
ENV9750	France		French Validation of European Patent No. 0130967	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/4/1984	1/2/1988
ENV9731	France		French Validation of European Patent No. 0181313	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/5/1985	12/9/1992
ENV9877	France		French Validation of European Patent No. 0499290	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/5/1985	3/11/1998
ENV9754	Great Britain		Validation of European Patent No. 0130967	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/4/1984	1/2/1988
ENV9732	Great Britain		Validation of European Patent No. 0181313	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/5/1985	12/9/1992
ENV9878	Great Britain		Validation of European Patent No. 0499290	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/5/1985	3/11/1998
ENV9574	Israel	76984-85	76984	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/8/1985	10/14/1990
ENV9752	Italy		Italian Validation of European Patent No. 0130967	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/4/1984	1/2/1988
ENV9733	Italy		Italian Validation of European Patent No. 0181313	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/5/1985	12/9/1992
ENV9593	Japan	137863-84	1873732	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/3/1984	9/26/1994

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MATTER	COUNTRY	SERIALNO	PATENTNO	TITLE	STATUS	FILE	ISSUE
ENV9575	Japan	249881-85	1,978,279	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/9/1985	10/17/1995
ENV9763	S Korea	3828-84	23916	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/ 3/1984	7/29/1987
ENV9746	Morocco	20388-84	20164	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/ 3/1984	4/ 1/1985
ENV9576	Morocco	20790-85	20565	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/8/1985	7/ 1/1986
ENV9586	Mexico	201907-84	164158	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/ 4/1984	7/20/1992
ENV9755	Netherlands		Netherlands Validation of European Patent No. 0130967	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/ 4/1984	1/ 2/1988
ENV9735	Netherlands		Validation of European Patent No. 0181313	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/5/1985	12/9/1992
ENV9762	Portugal	79523-84	79523	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/20/1984	9/ 8/1986
ENV9753	Sweden		Swedish Validation of European Patent No. 0130967	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/ 4/1984	1/ 2/1988
ENV9736	Sweden		Swedish Validation of European Patent No. 0181313	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/5/1985	12/9/1992
ENV9588	Tunisia	201-84	15421	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/30/1984	3/ 4/1988
ENV9578	Tunisia	186-85	15617	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/8/1985	7/19/1989
ENV9749	Turkey	4528-84	21894	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/ 3/1984	10/7/1985
ENV9748	South Africa	5086-84	5086	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	7/ 3/1984	3/27/1985
ENV9577	South Africa	8619-85	8619	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	11/8/1985	8/27/1986
ENV9564	South Africa	7049	7049/87	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	ISSUED	9/18/1987	6/28/1989
ENV9764	Chile	841/84	35001	HEAT RECOVERY FROM STRONG SULFURIC ACID	EXPIRED	12/21/1984	9/ 4/1985
ENV9745	Egypt	412/84	16672	HEAT RECOVERY FROM STRONG SULFURIC ACID	EXPIRED	7/ 4/1984	3/30/1991

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MATTER	COUNTRY	SERIALNO	PATENTNO	TITLE	STATUS	FILE	ISSUE
ENV9585	India	481MAS-84	161448	HEAT RECOVERY FROM STRONG SULFURIC ACID	EXPIRED	7/3/1984	9/16/1988
ENV9573	India	898-85	166692	HEAT RECOVERY FROM CONCENTRATED SULFURIC ACID	EXPIRED	11/8/1985	7/29/1991
ENV9597	India	616/MAS/89	170400	A PROCESS FOR THE MANUFACTURE OF SULFURIC ACID	EXPIRED	8/17/1989	9/24/1993
ENV9587	New Zealand	208754-84	208754	HEAT RECOVERY FROM STRONG SULFURIC ACID	EXPIRED	7/3/1984	4/13/1988
ENV9747	Pakistan	265-84	129339	HEAT RECOVERY FROM STRONG SULFURIC ACID	EXPIRED	6/28/1984	10/28/1986
ENV9768	Taiwan	102682-84	24534	HEAT RECOVERY FROM STRONG SULFURIC ACID	EXPIRED	7/3/1984	7/25/1986
ENV6213	US	06/459,288	4,478,809	IMPROVED ECONOMIZER ARRANGEMENT	EXPIRED	1/20/1983	10/23/1984
ENV6213.1	Canada	445606	1223113	IMPROVED ECONOMIZER ARRANGEMENT	ISSUED	1/19/1984	6/23/1987
ENV9760	Morocco	20234-84	20013	IMPROVED ECONOMIZER ARRANGEMENT	EXPIRED	1/20/1984	10/1/1984
ENV9557	Tunisia	19-84	15242	IMPROVED ECONOMIZER ARRANGEMENT	EXPIRED	1/30/1984	3/4/1988
ENV 6207.1	Canada	425910	1207979	IMPROVED SULFURIC ACID PLANT	EXPIRED	4/14/1983	7/22/1986
ENV9761	South Africa	2642-83	83/2642	IMPROVED SULFURIC ACID PLANT	ABANDONED	4/14/1983	2/29/1984
ENV 3187.1	Canada	289934/77	1089794	METHOD AND APPARATUS FOR IMPROVE METHOD AND APPARATUS FOR REMOVING PARTICULATES FROM A GAS STREAM	EXPIRED	10/31/1977	11/18/1980
ENV9780	US	08/772,149	5,843,210	METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID PROCESS	ABANDONED	12/19/1996	12/1/1998
ENV9537	US	07/498,638	5,130,112	METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID PROCESS	ISSUED	3/23/1990	7/14/1992
ENV9660	US	08/070,260	5,503,821	METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID PROCESS	ISSUED	6/2/1993	4/2/1996
ENV9713	Austria		Austrian Validation of European Patent No. 0521075	METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID	ISSUED	3/20/1991	12/14/1994
ENV9714	Belgium		Belgian Validation of European Patent No. 0521075	METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID PROCESS	ABANDONED	3/30/1991	12/14/1994
ENV9642	Australia	75814/91	639998	METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID PROCESS	ISSUED	3/20/1991	12/6/1993

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MATTER	COUNTRY	SERIALNO	PATENTNO	TITLE	STATUS	FILE	ISSUE
ENV9644	Canada	2,075,069	2,075,069 69105961.6 German Validation of European Patent No. 0521075	METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID PROCESS	ISSUED	3/20/1991	7/27/1999
ENV9716	Germany			METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID PROCESS	ISSUED	3/20/1991	12/14/1994
ENV9609	Egypt	198/91	19209	METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID PROCESS	ISSUED	4/3/1991	10/31/1994
ENV9718	Spain		Spanish Validation of European Patent No. 0521075	METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID PROCESS	ISSUED	3/20/1991	12/14/1994
ENV9715	France		French Validation of European Patent No. 0521075	METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID PROCESS	ISSUED	3/20/1991	12/14/1994
ENV9717	Great Britain		Great Britain Validation of European Patent No. 0521075	METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID PROCESS	ISSUED	3/20/1991	12/14/1994
ENV9608	India	313/MAS/91	179580	METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID PROCESS	ISSUED	4/22/1991	7/31/1998
ENV9612	Morocco	22364/91	22088	METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID PROCESS	ISSUED	3/21/1991	5/22/1995
ENV9611	Mexico	25021/91	173816	METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID PROCESS	ISSUED	3/22/1991	3/29/1994
ENV9507	New Zealand	237552/91	237552	METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID PROCESS	ISSUED	3/22/1991	1/8/1993
ENV9613	Tunisia	91016	16415	METHOD FOR RECOVERING HIGH GRADE PROCESS ENERGY FROM A CONTACT SULFURIC ACID PROCESS	ISSUED	3/25/1991	12/25/1991
ENV6209	US	412,328	4,443,233	MIST SEPARATOR	EXPIRED	8/27/1982	4/17/1984
ENV6209.2	Canada	435,462	1,191,459	MIST SEPARATOR	EXPIRED	8/26/1983	8/6/1985
ENV9538	US	07/615,307	5,175,136	MONOLITHIC CATALYSTS FOR CONVERSION OF SULFUR DIOXIDE TO SULFUR TRIOXIDE	ISSUED	11/19/1990	12/29/1992

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MATTER	COUNTRY	SERIALNO	PATENTNO	TITLE	STATUS	FILE	ISSUE
ENV9641	US	915,129	5,264,200	MONOLITHIC CATALYSTS FOR CONVERSION OF SULFUR DIOXIDE TO SULFUR TRIOXIDE	ISSUED	7/14/1992	11/23/1993
ENV9618	Canada	2043539	2,043,539	MONOLITHIC CATALYSTS FOR CONVERSION OF SULFUR DIOXIDE TO SULFUR TRIOXIDE	ISSUED	5/30/1991	3/4/1997
ENV9650	Great Britain	9225043	2,263,650	MONOLITHIC CATALYSTS FOR CONVERSION OF SULFUR DIOXIDE TO SULFUR TRIOXIDE	ISSUED	5/30/1991	1/11/1995
ENV9687	Great Britain	9410843.8	2,277,887	MONOLITHIC CATALYSTS FOR CONVERSION OF SULFUR DIOXIDE TO SULFUR TRIOXIDE	ISSUED	5/30/1991	2/8/1995
ENV9592	US	07/468,089	5,045,094	NONWOVEN FIBER BED MIST ELIMINATOR PARTICLE SCRUBBER AND RELATED METHOD	ABANDONED	1/22/1990	9/3/1991
ENV9699	US	06/017,182	4,266,951	PARTICLE SCRUBBER AND RELATED METHOD	EXPIRED	3/5/1979	5/12/1981
ENV9707	Canada	368869	1158993	PARTICLE SCRUBBER AND RELATED METHOD	EXPIRED	1/20/1981	12/20/1983
ENV 3208 1	Canada	352095	1135328	PARTICLE COLLECTING APPARATUS POLLUTION CONTROL SYSTEM AND METHOD OF USING SAME	EXPIRED	5/16/1980	11/9/1982
ENV9702	US	07/729,065	5,154,734	REMOVAL OF FINE PARTICLES FROM A GAS STREAM BY SOLID PARTICLE ADDITION IN A VENTURI CONTACTOR	ABANDONED	7/12/1991	10/13/1992
ENV9700	US	05/759,408	4,169,714	ROTARY RETORT SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	EXPIRED	1/14/1977	10/2/1979
ENV 3188 1	Canada	290500/77	1087838	ROTARY RETORT SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	EXPIRED	11/9/1977	10/21/1980
ENV9725	US	08/707,344	5,851,265	SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	ISSUED	9/3/1996	12/22/1998
ENV9888	Australia	41504/97	716416	SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	ISSUED	8/12/1997	6/8/2000
ENV9891	Brazil	PI 9713190-3		SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	PUBLISHED	8/12/1997	
ENV9889 1	Belarus	199900259	1297	SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	ISSUED	8/12/1997	12/25/2000

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MATTER	COUNTRY	SERIAL NO.	PATENT NO.	TITLE	STATUS	FILE	ISSUE
ENV9823	Chile	1997-1796		SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	PENDING	9/ 3/1997	
ENV9893	China	97197623 6	ZL97197623 6	SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	ISSUED	8/12/1997	3/26/2003
ENV9889	Eurasia	199900259	1297	SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	ISSUED	8/12/1997	12/25/2000
ENV9900	European Patent Convention	97939409.5		SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	PUBLISHED	8/12/1997	
ENV9894	Japan	512672/1998		SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	PUBLISHED	8/12/1997	
ENV9896	S Korea	7001724/1999		SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	PENDING	8/12/1997	
ENV9889.2	Kazakhstan	199900259	1297	SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	ISSUED	8/12/1997	12/25/2000
ENV9897	Mexico	992063	203876	SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	ISSUED	8/12/1997	8/22/2001
ENV9889.4	Russian Federation	199900259	1297	SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	ISSUED	8/12/1997	12/25/2000
ENV9899	Singapore	9900865-8	64152	SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	ISSUED	8/12/1997	4/17/2001

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MATTER	COUNTRY	SERIALNO	PATENTNO	TITLE	STATUS	FILE	ISSUE
ENV9889 3	Turkmenistan	199900259	1297	SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	ISSUED	8/12/1997	12/25/2000
ENV9826	Venezuela	1775-97	58,742	SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	ISSUED	9/ 2/1997	4/ 4/2002
ENV9825	South Africa	977408	977408	SELECTIVE REMOVAL AND RECOVERY OF SULFUR DIOXIDE FROM EFFLUENT GASES USING ORGANIC PHOSPHOROUS SOLVENTS	ISSUED	8/18/1997	7/28/1999
ENV 3186 1	Canada	279958/77	1075619	SEPARATION OF AEROSOLS FROM GASES	EXPIRED	6/ 6/1977	4/15/1980
ENV 3192	US	755,117	4,115,233	TREATMENT OF AQUEOUS DISPERSIONS	EXPIRED	12/27/1976	9/19/1978
ENV3192.4	Canada	304195/78	1107235	TREATMENT OF AQUEOUS DISPERSIONS WET ELECTROSTATIC FILTRATION PROCESS AND APPARATUS FOR CLEANING A GAS STREAM	EXPIRED	5/26/1978	8/18/1981
ENV9873	US	09/270,367	6,106,592		ISSUED	3/16/1999	8/22/2000