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FORM PTO-1595 U.S.
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Commissioner for Patents : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Wheelabrator Water Technologies, Inc.

Additional name(s) of conveying party(ies) attached? [] Yes [x] No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: **12/2/96**

2. Name and address of receiving party(ies)

Name: **IP Holding Company**

Internal Address:

Street Address: **10 Technology Drive**
Lowell, Massachusetts 01851

Additional name(s) & addresses(es) attached? [] Yes [x] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No.(s) B. Patent No.(s)
5,156,738

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence Concerning document should be mailed:

Name: **Peter C. Lando**
Address: **WOLF, GREENFIELD & SACKS, P.C.**
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210

6. Total number of applications and patents involved: **[1]**

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

Enclosed
 Authorized to be charged to deposit account

The Commissioner is authorized to charge:

8. Deposit Account No: 500214

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9. Statement and signature
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Peter C. Lando		18 December 2001
Name of Person Signing	Signature	Date

Total number of pages including cover sheet, attachments, and document: **[17]**

Mail documents to be recorded with required cover sheet information to:

Box Assignment
Commissioner for Patents,
Washington, D.C. 20231

02/15/2002 6T0N11 00000154 500214 5156738
01 FC:581 40.00 CH

560983.1

PATENT
REEL: 012569 FRAME: 0187

09-28-2001



101858364

COVER SHEET
ONLY

FORM PTO-1595 U.S.
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Commissioner for Patents : Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Wheelabrator Water Technologies, Inc.</p> <p>Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: 12/2/96</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: IP Holding Company</p> <p>Internal Address:</p> <p>Street Address: 10 Technology Drive</p> <p>Lowell, Massachusetts 01851</p> <p>Additional name(s) & addresses(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No.(s)	B. Patent No.(s) 5,516,738
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Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence Concerning document should be mailed:</p> <p>Name: Peter C. Lando Address: WOLF, GREENFIELD & SACKS, P.C. Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210</p>	<p>6. Total number of applications and patents involved: [1]</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00</p> <p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>The Commissioner is authorized to charge:</p> <p>8. Deposit Account No: 500214</p>
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09/27/2001 DIAZ1 00000095 500214 5516738
01 FC:581 40.00 CH

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9. Statement and signature
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Peter C. Lando		13 September 2001
Name of Person Signing	Signature	Date

Total number of pages including cover sheet, attachments, and document: **[17]**

Mail documents to be recorded with required cover sheet information to:
 Box Assignment
 Commissioner for Patents,
 Washington, D.C. 20231

ASSIGNMENT

WHEREAS, Wheelabrator Water Technologies Inc., a corporation organized under the laws of the State of ~~Delaware~~ ^{Maryland} ~~located at 3003 Butterfield Road, Oak Brook , Illinois 60521~~ (hereinafter referred to as the "Wheelabrator") is the owner, either directly or indirectly through its wholly owned subsidiaries, of certain intellectual property rights which include without limitation any and all trademarks (including all goodwill associated therewith), trade names, inventions, patents (U.S. and foreign), patent applications, trade secrets and other know-how, copyrights, royalty rights, rights to relief for known or unknown past infringement, and all original records or other materials relating to the intellectual property shown in the attached Schedule A, including materials in the possession of Wheelabrator's attorneys, agents, contractors or other third parties, owned by Wheelabrator (hereinafter collectively referred to as the "Intellectual Property Rights");

WHEREAS, IP Holding Company, a corporation organized under the laws of the State of Delaware, located at 10 Technology Drive, Lowell, Massachusetts 01851 (hereinafter referred to as "IP Holding"), desires to acquire the Intellectual Property Rights;

WHEREAS, Wheelabrator has agreed to cause the ownership in the intellectual property cases listed in Schedule A to be transferred from it and its wholly owned subsidiaries to IP Holding;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Wheelabrator has sold, assigned, and transferred, or caused its wholly owned subsidiaries to transfer, to IP Holding, its successors, legal representatives and assigns, Wheelabrator's entire right, title and interest in the Intellectual Property Rights, the same

to be held and enjoyed by the IP Holding, for its own use and the use of its successors, legal representatives, and assigns forever and to the full end of the term or terms for which the Intellectual Property Rights are or may be granted, as fully and entirely as the same would have been held and enjoyed by Wheelabrator, had this Assignment not been made;

AND for the same consideration, Wheelabrator will, upon request of IP Holding, execute and deliver all papers, including applications for patents and registrations for copyrights, and do such other legal acts (all expenses to be jointly shared by IP Holding and Wheelabrator) as may be necessary to obtain and maintain proprietary rights in any and all countries and to vest title thereto in IP Holding.

The effective date of this Assignment is Dec 2, 1996.

Signed at Chicago, in the County of Cook, State of Illinois, this 2nd day of December, 1996.

By: [Signature]
Wheelabrator Water Technologies Inc.

STATE OF)
COUNTY OF)

On this 2nd day of December, 1996 personally before me came Linda Winte, known to me, and known to me to be the person described and who signed the this Assignment, and, being duly sworn, acknowledged that he executed the same.

Christine A. Harper
Notary Public

“OFFICIAL SEAL”
Christine A. Harper
Notary Public, State of Illinois
My Commission Expires 07/27/98

Patents - Wheelabrator Water Technologies

BLAST GROUP

Wheelabrator Corporation

AUSTRALIA

Patent No	Title	Issue Date	Appl. No.	Filing Date	Case No
0	Oscillating Blast CI		1020295		5152
4449331	Shot Blasting Mach	5/22/84	354693		5159
505485	Portable Device for	5/6/80	2270577		5107
658250	Magnetic Thread BI	12/22/92	3035492		5133
532854	Bladed Centrifugal	3/15/84	6203480		5127

BELGIUM

Patent No	Title	Issue Date	Appl. No.	Filing Date	Case No
851910	Portable Device for	3/15/77	175333		5108

BRAZIL

Patent No	Title	Issue Date	Appl. No.	Filing Date	Case No
7701246	Portable Device for	8/30/83	7701246		5109
8006117	Bladed Centrifugal	5/29/84	8006117		5128

CANADA

Patent No	Title	Issue Date	Appl. No.	Filing Date	Case No
1074564	Method of Treating	4/1/80	292696		5132
1217055	Link and Flight Ass	1/27/87	435078		5102
1179847	Portable Device for	12/27/84	272165		5110
1139207	Bladed Centrifugal	12/28/82	359494		5129
0	Magnetic Thread BI		2085391		5134
0	Oscillating Blast CI		2139558		5153
1119812	Airless Centrifugal	3/16/82	352912		5122

DENMARK

Patent No	Title	Issue Date	Appl. No.	Filing Date	Case No
166072	Portable device for	2/28/88	86977		5111

EUROPEAN PATENT

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Oscillating Blast Cl		953002508		5156
0	Magnetic Track Sel		923117279		5136

FRANCE

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
2342821	Portable Device for	1/31/83	7705730		5112

GREECE

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
66143	Portable Device for	1/19/81	5285377		5113

INDIA

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
152800	Bladed Centrifugal	1/19/85	101980		5130
145390	Portable Device for	11/13/78	27977		5114

ISRAEL

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
51482	Portable Device for	4/1/81	51482		5115

JAPAN

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Magnetic Thread Bl		34872392		5137
0	Oscillating Blast Cl		476895		5154

MEXICO

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
144238	Portable Device for	9/14/81	168198		5116

PHILIPPINES

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
15582	Portable Deivce for	2/17/83	19471		5117

POLAND

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Magnetic Thread Bl		297243		5138

0 Oscillating Blast Cl 306732 5155

PORTUGAL

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
66234	Portable Device for	7/17/78	66234		5118

SOUTH AFRICA

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
805486	Bladed Centrifugal	9/4/80	805486		5131
771128	Portable Device for	7/23/79	771128		5119

SWITZERLAND

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
602278	Portable Device for	12/31/77	256777		5120

USA

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
4377923	Surface Treating A	3/29/83	655787		5124
4291509	Guard House and	9/29/81	87060		5143
4319436	Portable Blasting D	3/16/82	117843		5142
4236466	Mechanical Actuati	12/2/80	83		5141
0	Improved Bolt-Tog		8323635		5140
5423715	Bolt-Together Blast	6/13/95	31813		5139
5285601	Magnetic Track Sel	2/15/94	48925		5135
4296794	Method of Transmi	10/27/81	111487		5125
4377922	Portable Appratus	3/29/83	654078		5123
4378662	Airless Centrifugal	4/5/83	149156		5121
4377924	Portable Device for	3/29/83	662467		5106
4480413	Bladed Centrifugal	11/6/84	368420		5103
4723379	Abrasive Throwing	2/9/88	861105		5105
4571894	Mechanism for Ind	2/25/86	662496		5104
4246851	Furnace Grating	1/27/81	84		5144
4333278	Bladed Centrifugal	6/8/82	78478		5126
0	Oscillating Blast Cl		8255386		5157
4909998	Blast Chamber	3/20/90	271586		5099

4907379	Shot Blasting Mach	3/13/90	253313	5098
4476655	Link and Flight Ass	10/16/84	410619	5101
4473972	Blade for Centrifug	10/2/84	397357	5100
0	Abrasive Throwing		8350519	5158
4231196	Method of Treating	11/4/80	24119	5145
0	Oscillating Blast Ci		8183294	5151
4077508	Sealed Hanger Bea	3/7/78	732931	5150
4207711	Airless Centrifugal	6/17/80	909770	5149
4199905	Blast Head Rigging	4/29/80	940958	5148
4275531	Abrasive Particle Bl	6/30/81	95771	5147
4202142	Abrasive Particle Bl	5/13/80	925116	5146
449331	Shot Blasting	5/22/84	354693	5159

JOHNSON

Johnson Screens

AUSTRIA

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
656003	Underdrain Lateral		2094992		5286
534528	Screen Assy Chan		6951881		5254
533694	Well Screen Assy		5659180		5250
657088	Scallops Formed b		7344591		5278
562635	Well Screen Pipe		1840283		5270
625744	Screen Mounting S		6396391		5285

BELGIUM

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
582007	Underdrain Lateral		923071112		5287
873627	Well Screen Chann		193011		5240
575315	Scallops Formed b		919051078		5279

BRUNEI

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
30987	Well Screen Pipe		0		5271

CANADA

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
1162386	Screen Assy Chan		376260		5255
0	Scallops Formed B		2104584		5280
1197184	Well Screen Pipe		433336		5272
1201062	Well Screen Coupfi		431803		5269
1196276	Well Screen Bimet		420151		5268
1199306	Screen Johnethan		411375		5265
1170564	Vapor-Liquid Conta		402044		5264
0	Annulus Measuring		2127585		5302
1169356	Well Screen Bimet		387552		5260
0	Underdrain Lateral		20755644		5288
1160434	Screen Flat Wire A		369975		5253
1135179	Scrubber with Spra		363402		5252
1122387	Well Screen Asy M		347814		5251
1108527	Well Screen Bimet		330949		5248
1110832	Distributor Closed		331255		5247
1109005	Well Screen Chann		306702		5241
1169356	Well Screen Bimet		387552		5261
1197166	Screen Assembly		434433		5276

FRANCE

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
62716	Screen Assy Chan		813016581		5258
7199528	Screen Bimetal wit		7919528		5249
8315518	Well Screen Pipe		8315518		5273
575315	Scallops Formed b		919051078		5281
582007	Underdrain Lateral		923071112		5291
7189286	Well Screen Chann		718286		5243

GERMANY

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
3171985	Screen Assy Chan		813016581		5256

582007	Underdrain Lateral	923071112	5289
2827188	Well Screen Chann	28271887	5242

GREAT BRITAIN

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
2138865	Well Screen Pipe		8406961		5274
62716	Screen Assy chann		813016581		5259
2000689	Well Screen Chann		2874578		5244
575315	Scallops Formed b		91905108		5282
582007	Underdrain Lateral		923071112		5292
325412	Fitting Well Screen		89300415		5277

IRELAND

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
47206	Well Screen Chann		134678		5245
582007	Underdrain Lateral		923071112		5293

ITALY

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
582007	Underdrain Lateral		923071112		5294

JAPAN

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
1337191	Well Screen Chann		8103178		5246
0	Annulus Measuring		16037194		5304
0	Scallops Formed b		50536991		5283
0	Underdrain Lateral		21799792		5295

KOREA SOUTH

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Scallops Formed b		93702573		5284
0	Underdrain lateral		9214380		5296

MEXICO

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
178346	Underdrain Lateral		924688		5297

NETHERLANDS

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
582007	Underdrain Lateral		923071112		5298

PAKISTAN

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
128278	Well Filament Scre		7382		5262
128570	Well Screen Woun		40082		5266

PORTUGAL

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
582007	Underdrain Lateral		923071112		5299

SINGAPORE

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
56987	Well Screen Pipe		0		5275

SPAIN

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
582007	Underdrain Lateral		923071112		5290
0	Annulus Measuring		943050658		5303
257818	Screen Assy Chan		257818		5257

SWEDEN

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
582007	Underdrain Lateral		923071112		5300

TAIWAN

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
64331	Underdrain Lateral		81106412		5301

USA

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
4378840	Well Screen Bimet	4/5/83	258360		5226
4343358	Well Screen Plasti	8/10/82	119279		5221
4365669	Joint Screen is Fus	12/28/82	229391		5222
4370919	Vent Cap Lockable	2/1/83	229392		5223

4328177	Tray Vapor-Liquid	5/4/82	182355	5220
4378294	Well Screen Filam	3/29/83	244382	5225
4249290	Scrubber with Spra	2/10/81	93462	5215
4381820	Well Screen Woun	5/3/83	334105	5227
4375408	Framing Molded El	3/1/83	290121	5224
4317023	Well Screen Metho	2/23/82	210097	5219
4295918	Screen Flat Wire A	10/20/81	107488	5218
4276265	Screen Assy Chan	6/30/81	107490	5216
4219773	Sensing Depth of	8/26/80	957262	5214
4200218	Well Screen Assy.	4/29/80	952508	5213
4170626	Distributing Closed	10/9/79	922461	5212
4406326	Well Screen Molde	9/27/83	331844	5228
4160622	Sampling Port Unit	7/10/79	815874	5210
4096911	Well Screen Chann	6/27/78	813047	5209
4284138	Well Screen with C	8/18/81	153808	5217
4487259	Well Screen Pipe	12/11/84	476180	5230
4509600	Well Screen Coupil	4/9/85	401500	5231
4819722	Fitting Well Screen	4/11/89	145310	5232
5006228	Screen Mounting S	4/9/91	464929	5233
5015383	Scallops Formed b	5/14/91	366872	5234
5118419	Underdrain Scallop	6/2/92	698900	5235
5156738	Distributor for Gas	10/20/92	718954	5236
5392527	Measurement Whe	2/28/95	30302	5237
32642	Well Screen Coupil	4/12/88	4176	5238
0	Underdrain Plastic		490656	5239
4167972	Well Screen Bimet	8/18/79	853813	5211
4416331	Well Screen Bimet	11/22/83	347829	5229

ZAIRE

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
821183	Well Screen Filam		821183		5283
827906	Well Screen Woun		827906		5267

WATER GROUP

CPC Engineering

AUSTRALIA

Patent No	Title	Issue Date	Appl. No.	Filing Date	Case No
0	Porous Polysulfone		8359991		5011
0	Method and Appara		6963394		5027
0	Serial Crossflow Fil		6993991		5022
550452	Process and Appar	7/21/81	550452		5026

Brunei

Patent No	Title	Issue Date	Appl. No.	Filing Date	Case No
27186	Water filtration app	10/7/86	0		6018

CANADA

Patent No	Title	Issue Date	Appl. No.	Filing Date	Case No
1092033	Suction Clarifier	12/23/80	270292		5032
0	Cross-Flow Microfil		455182		5000
0	Method and Appara		0		5036
1335519	Method for Enhanci	5/9/95	564809		5035
1191794	Process and Appar	8/13/85	3821781		5034
1171403	Method and Appara	7/24/84	3684164		5033
1069228	Spray Head	1/1/80	270295		5031
1040546	Perforated Tube S	10/17/78	224846		5030
855241	Automatic Volumet	9/24/74	0		5029
982956	Perforated Tube M	2/3/76	157220		5028
0	Serial Crossflow Fil		2034078		5021
0	Method and Appara		449315		5005
0	Porous Polysulfone		2050504		5013

CHINA

Patent No	Title	Issue Date	Appl. No.	Filing Date	Case No
0	Method and Appara		841923436		5037

EUROPEAN PATENT

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Method and Appara		94918208		5039
131119	Cross-Flow Microfil	5/17/89	0		5001
0	Method and Appara		861153476		5004
0	Serial Crossflow Fil		901246132		5020
0	Method for Enhanci		88106382		5038
0	Porous Poytsulfone		911154839		5010

FINLAND

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Method and Appara		955803		5040
0	Serial Crossflow Fil		910250		5019

GERMANY

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0			19396486		5041

GREAT BRITAIN

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
2080696	Process and Appar	7/21/81	8122462		5060
2067908	Method and Appara	1/16/81	8101428		5059

INDIA

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Method and Appara		41094		5043
0	Method and Appara		40994		5042

INDONESIA

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Method and Appara		940873		5044
0	Method and Appara		950850		5045

JAPAN

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Porous Polysulfone		23494691		5012

0	Method and Appara	5943018	5008
0	Method and Appara	50195095	5079
0	Method and Appara	5943017	5006
0	Cross-Flow Microfil	59106681	5002
0	Serial Crossflow Fil	917791	5015

KOREA SOUTH

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Serial Crossflow Fil		14991991		5016
0			705481		5046

MALAYASIA

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Method and Appara		9501270		5047

Malaysia

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Water Filtration Ap		0		6019

MEXICO

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Method and Appara		944173		5048

NEW ZEALAND

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Water Filtration Ap		215045		5049

NORWAY

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Method and Appara		954826		5050
0	Serial Crossflow Fil		910356		5017

PCT

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Method and Appara		9406231		5051
0	Method and Appara		9506029		5052
0	Apparatus for redu		9610397	6/14/96	6020

PHILIPPINES

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Method and Appara		49752		5053

SABAH

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
1093	Water filtration app	10/15/93	0		6021

SARAWAK

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
3095	Water filtration app	11/4/86	0		6022

SINGAPORE

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
86908076	Water Filtration Ap	9/5/88	80786		5054

SOUTH KOREA

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0			70548195		5046

TAIWAN

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Method and Appara		82104905		5055
73375	Method and Appara	1/11/96	83104590		5056
0	Serial Crossflow Fil		80100404		5018

THAILAND

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Method and Appara		22598		5057

TURKEY

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
0	Method and Appara		0		5058

USA

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
4828399	Compost Handling	5/9/89	104799	10/2/87	5305
4547286	Water Filtration Pr	10/15/85	465524		5066

4670150	Cross-Flow Microfil	1/2/87	790651		5065
4199451	Water Treatment P	4/22/80	968088		5064
4132362	Sewage Works Spr	1/2/79	725780		5063
4094785	Sludge Suction Pu	6/13/78	735381		5062
0	Porous Polysulfone		58710207		5009
0	Membrane Filtratio		691445		5025
0	Method and Appara		9962207		5007
0	Wastewater Treat		178189		5024
0	Serial Crossflow Fil		47814907		5023
0	Composition and M		58216207		5014
5387036	Organic Material C	2/7/95	923265	7/31/92	5306
4855061	Streaming Current/	8/8/89	186309		5072
0	Apparatus for Maki		776648		5061
5413749	Processing of Maki	5/9/95	72533		5071
0	Cross-Flow Microfil		790651	10/24/85	5003
0	Method and Appara		0		5078
0	Apparatus for Redu		60001911		5077
0	Making Beads for a		366520		5076
4806236	Apparatus fo Upflo		0		5075
4793934	Method for Enhanci	12/27/88	41307		5070
0	Method of Cleaning		593576		5073
5149196	Compost Handling	9/22/92	284260	2/15/89	5307
0	Method for Cleanin		328957		5069
4743382	Method and Appart	5/10/88	78607		5068
4608181	Water Filtration Ap	8/26/86	732892		5067
4869877	Composting Facilit	8/26/89	87105	8/19/87	5308
5514284	Apparatus for Wate	5/7/96	241657		5074

HPD

Japan

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
1603389	Multistage Falling F	4/4/91	57220005	12/14/82	95489

USA

<i>Patent No</i>	<i>Title</i>	<i>Issue Date</i>	<i>Appl. No.</i>	<i>Filing Date</i>	<i>Case No</i>
4273670	Apparatus for Rem	6/16/81	20642	3/16/79	95490

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