

08-16-2002

Form PTO-1595

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OMB No. 0651-0027

RECORDATION SHEET

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SHEET

PATENTS ONLY

DEPARTMENT OF
COMMERCE
Patent Office

102192195

To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Joseph F. Finn, Jr.

8-14-02

2. Name and address of receiving party(ies)

Name: Premium Power Acquisition Company

Internal Address: _____

Street Address: 140 Morgan Drive

City: Norwood State: MA Zip: 02062

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other _____

Execution Date: May 24, 2002

Additional Name(s) & address(es) attached? ☐ Yes ☒ 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)

** See attached list of "Patent and Patent Applications to be Recorded"

Additional numbers attached? ☒ Yes ☐ No

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

Name: Jody L. Factor

FACTOR & PARTNERS, LLC

Internal Address: _____

Street Address: 1327 W. Washington Blvd.

Suite 5G/H

City: Chicago State: IL Zip: 60607

6. Total number of applications and patents involved: 21

7. Total fee (37 CFR 3.41).....\$ 840.00



Enclosed



Authorized to be charged to deposit account

8. Deposit account number:

50-0545

(Attach duplicate copy of this page if paying by deposit account)

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.

Jody L. Factor

Name of Person Signing

Signature

August 9, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 14

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 013184 FRAME: 0075

08/15/2002 BYRNE 00000211 5459390

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PATENTS & PATENT APPLICATIONS TO BE RECORDED

ISSUED U.S. PATENTS

TITLE	REG. NO.	REG. DATE
Method of determining the charging state of a zinc-bromine battery and method of charging such battery	5,459,390	10/17/1995
Process for reducing unwanted specific electro chemical conversion in rechargeable batteries	5,436,087	7/25/1995
Zinc-bromine battery with circulating electrolytes	5,607,788	3/4/1997
Process for charging and discharging Zinc/Bromine batteries	5,702,842	12/30/1997
Method for producing a non-detachable, fluid-tight, and gastight connection between a plate stack and a lateral component of an electrochemical battery	5,716,733	2/10/1998
Method of charging a multiplicity of batteries	5,391,973	2/21/1995

PENDING U.S. PATENT APPLICATIONS

Title	SERIAL NO.	FILING DATE
Submersible Electrolyte Circulation System	09/590,567	6/8/2000
Rib Spacing With Registration Point	09/667,387	9/22/2000
Electrochemical Cell With Manifold Device And Associated Method Of Manufacture And Operation	09/667,386	9/22/2000
Module Battery Cell Stack Positioning System	09/675,084	9/28/2000
Charging/Floating Process For Zinc-Bromine Batteries	09/677,242	10/2/2000
Recombinator For The Re-Acidification Of An Electrolyte Stream In A Flowing Electrolyte Zinc-Bromine Battery	09/677,996	10/3/2000
Bipolar Plate And Method Of Manufacturing Same	09/721,569	11/22/2000
System And Method For Providing Electric Power	09/900,761	7/05/2001
Apparatus And Method For Independently Operating A Plurality Of AC Voltage Sources In Parallel	09/899,749	7/05/2001
Leak Sensor For Zinc/Bromine Batteries	09/899,523	7/05/2001
Recombinator For The Re-Acidification Of An Electrolyte Stream In A Flowing Electrolyte Zinc-Bromine Battery	10/053,341	10/29/2001
Charging System For Secondary Batteries	09/997,725	11/30/2001
Leak Sensor For Flowing Electrolyte Batteries	09/997,724	11/30/2001
Improved Recombinator For The Re-Acidification Of An Electrolyte Stream In A Flowing Electrolyte Zinc-Bromine Battery	10/017,918	12/13/2001
System For Proclution Of Electrical Shorting	10/038,044	1/3/2002

PATENT ASSIGNMENT

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged, Joseph F. Finn Jr., as assignee for the benefit of creditors of Powercell Corporation, 167 Worcester Street, Suite 209, Wellesley Hills, MA 02481-3613 (hereinafter called "ASSIGNOR") hereby assigns, transfers and sets over to: Premium Power Acquisition Company, a Delaware corporation (hereinafter called "ASSIGNEE"), the entire worldwide right, title and interest in and to all of the U.S. and foreign patents and patent applications identified on Attachment A, (the entirety of which is incorporated herein) and all rights and privileges under any Letters Patent which may be granted thereon, including all rights, if any, throughout the entire world to sue for all past infringements which may have occurred before the execution of this assignment.

ASSIGNOR agrees without charge to said ASSIGNEE but at ASSIGNEE'S expense (a) to execute (i) all necessary papers to be used in connection with this application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasilegal proceedings relating to any of the assigned patents and/or applications or any additional, continuing, or divisional applications thereof, (iii) all papers and documents which may be necessary in connection with the preparation and filing of any foreign applications or with making claims to priority rights granted under the provisions of the International Convention for Protection of Industrial Property or similar agreements; and (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and the appropriate officials in any other country, to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

ASSIGNOR hereby covenants and warrants that they have full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

ASSIGNOR hereby grants to the law firm of FACTOR & PARTNERS of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent Office or the Patent Office of any foreign country.

IN WITNESS WHEREOF, ASSIGNOR hereunto sets his hand and seal this 24 day of May, 2002.

*Please sign and
date May 24.*

POWERCELL CORPORATION

By: *Joseph F. Finn Jr.*

Joseph F. Finn, Jr., as and only as assignee
for the benefit of creditors of Powercell
Corporation, and not individually.

CITY OF BOSTON ,)
) ss.

COMMONWEALTH OF)
MASSACHUSETTS)

On this 24 day of May, 2002, before me, a Notary Public in and for the Commonwealth of Massachusetts, personally appeared Joseph F. Finn to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Donna m. Colatti

Notary Public

My Commission expires on: 9.23.05

Patent Portfolio of US, PCT, and Foreign cases for Powercell Corporation

Date: April 25, 2002

Case No. Client Case No.	Title	Country	Office Action Maint. Fee	Application Number	Filing Date	Patent Number	Date Issued	Expiration Date	Status
001024	Submersible electrolyte circulation system	U.S.	Response to Office Action due 7/8/2002	09/590567	6/8/2000				Pending
001024-PCT	Submersible electrolyte circulation system	PCT		PCT/US01/18024	6/4/2001	WO 01/94786	12/13/01		Done
001024EP	Submersible electrolyte circulation system	EP	Request Examination Sent 2/1/2002	Not yet Assigned	2/1/2002				Pending
001024JP	Submersible electrolyte circulation system	JP	Request Examination By 6/4/2008	502310/2002	1/17/2002				Pending
001191	Method of determining the charging state of a zinc-bromine battery and method of charging such battery	U.S.	7.5 Yr Maintenance Fee due 4/17/03	185223	1/24/1994	5459390	10/17/1995	1/24/2014	Issued
001191AT	Method of determining the char	At	10 th Maintenance Fee due 1/15/03	1061/91	5/24/1991	398142	9/26/1994	5/24/2011	Issued
001192	Process for reducing unwanted specific electro chemical conversion in rechargeable batteries	U.S.	7.5 Yr Maintenance Fee due 1/27/03	244714	12/17/1992	5436087	7/25/1995	12/17/2012	Issued
001192-PC	Process for reducing unwanted specific electro chemical conversion in rechargeable batteries	PCT		PCT/AT92/00168	12/18/1992		WO 93/12555	6/18/1993	Done
001192AT	Process for reducing unwanted	At	9 th Maintenance Fee Due on 12/17/02	92924482.0	12/17/1992	EP0617848	10/5/1994	12/17/2012	Issued
001192AT00	Process for reducing unwanted	At	9 th Maintenance Fee Due on 9/15/02	2505/91	12/18/1991	399425	5/26/1995	12/18/2011	Issued
001192BE	Process for reducing unwanted	Be	11 th Maintenance Fee Due on 12/17/02	92924482.0	12/17/1992	EP0617848	10/5/1994	12/17/2012	Issued
001192CH	Process for reducing unwanted	Ch	11 th Maintenance Fee Due on 12/17/02	92924482	12/17/1992	EP0617848	10/5/1994	12/17/2012	Issued
001192DB	Process for reducing unwanted	De	11 th Maintenance Fee Due on 12/17/02	EP0617848	12/17/1992	59203501.8	10/5/1994	12/17/2012	Issued
001192EP	Process for reducing unwanted	Ep		92924482.0	12/17/1992	EP0617848	10/5/1994	9/15/2012	Allowed
001192ES	Process for reducing unwanted	Es	11 th Maintenance Fee Due on 12/17/02	92924482	12/17/1992	EP0617848	10/5/1994	12/17/2012	Issued
001192FR	Process for reducing unwanted	Fr	11 th Maintenance Fee Due on 12/17/02	92924482	12/17/1992	EP0617848	10/5/1994	12/17/2012	Issued

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PATENT

REEL: 013184 FRAME: 0079

Patent Portfolio of US, PCT, and Foreign cases for Powercell Corporation

Date: April 25, 2002

Case No. Client Case No.	Title	Country	Office Action Maint. Fee	Application Number	Filing Date	Patent Number	Date Issued	Expiration Date	Status
001192IT	Process for reducing unwanted	It	11 th Maintenance Fee Due on 12/1/02	92924482	12/17/1992	EP0617848	10/5/1994	12/17/2012	Issued
001192JP	Process for reducing unwanted	Jp	11 th Maintenance Fee Due on 12/1/02	5-510455	6/15/1994				Pending
001192LU	Process for reducing unwanted	Lu	7 th Maintenance Fee Due on 12/1/02	92924482.0	12/17/1992	EP0617848	10/5/1994	12/17/2012	Issued
001192NL	Process for reducing unwanted	Nl	11 th Maintenance Fee Due on 12/1/02	92924482.0	12/17/1992	EP0617848	8/30/1995	12/17/2012	Issued
001192SE	Process for reducing unwanted	Se	11 th Maintenance Fee Due on 12/1/02	92924482.0	12/17/1992	EP0617848	10/5/1994	12/17/2012	Issued
001192UK	Process for reducing unwanted	Uk	11 th Maintenance Fee Due on 12/1/02	92924482	12/17/1992	EP0617848	10/5/1994	12/17/2012	Issued
001193	Zinc-bromine battery with circulating electrolytes	U.S.	7.5 Yr Maintenance Fee due on 9/1/04	08392901	8/30/1993	5607788	3/4/1997	3/4/2014	Issued
001193AR	Zinc-bromine battery with circ	Ar	6 th Maintenance Fee due on 1/28/03	325875	8/31/1993	250335	1/28/1997	1/28/2012	Issued
001193AT	Zinc-bromine battery with circ	At	7 th Maintenance Fee Due on 8/31/02	93918764.7	8/30/1993	EP0658279	6/21/1995	8/30/2013	Issued
001193AT00	Zinc-bromine battery with circ	At	10 th Maintenance Fee Due on 9/01/02	1741/92	9/1/1992	399245	4/25/1995	8/15/2012	Issued
001193CE	Zinc-bromine battery with circ	Chile	10 th Maintenance Fee Due on 8/30/02	1256-93	10/14/1993	39,047	2/21/1996	2/2/2011	Issued
001193CH	Zinc-bromine battery with circ	Ch	10 th Maintenance Fee Due on 8/30/02	93918764.7	8/30/1993	EP0658279	6/21/1995	8/30/2013	Issued
001193CN	Zinc-bromine battery with circ	Cn	10 th Maintenance Fee Due on 9/01/02	93118832.6	9/1/1993	93118832.6	7/28/2000	9/1/2013	Issued
001193DB	Zinc-bromine battery with circ	De	10 th Maintenance Fee Due on 8/30/02	EP0658279	8/30/1993	59304371.5-08	6/21/1995	8/30/2013	Issued
001193EP	Zinc-bromine battery with circ	Ep	10 th Maintenance Fee Due on 8/30/02	93918764.7	8/30/1993	EP0658279	6/21/1995	8/30/2013	Allowed
001193FR	Zinc-bromine battery with circ	Fr	Check status by 6/1/02	93918764.7	8/30/1993	EP0658279	6/21/1995	8/30/2013	Issued
001193JP	Zinc-bromine battery with circ	Jp	1 st Maintenance Fee Due on 8/30/02	6-506656	2/28/1995				Pending
001193MX	Zinc-bromine battery with circ	Mx	10 th Maintenance Fee Due on 8/30/02	9305290	8/31/1993	185731	8/27/1997	8/31/2013	Issued
001193ZA	Zinc-bromine battery with circ	Za	10 th Maintenance Fee Due on 8/30/02	936406	8/31/1993	936406	1/25/1995	8/31/2013	Issued

Patent Portfolio of US, PCT, and Foreign cases for Powercell Corporation

Date: April 25, 2002

Case No. Client Case No.	Title	Country	Office Action Maint. Fee	Application Number	Filing Date	Patent Number	Date Issued	Expiration Date	Status
001194	Process for charging and discharging zinc/air/zinc batteries	U.S.	7.5 Yr Maintenance Fee due by 7/2/05	08/464620	12/22/1993	5702842	12/30/1997	12/30/2014	Issued
001194AT	Process for charging	At	8 th Maintenance Fee due by 8/15/02	94902526.6	12/22/1993	EP0676090	10/11/1995	12/22/2013	Issued
001194AT00	Process for charging	At	10 th Maintenance Fee Due by 12/22/02	2554/92	12/23/1992	399246	4/25/1995	8/15/2012	Issued
001194BE	Process for charging	Be	10 th Maintenance Fee Due by 12/22/02	94902526.6	12/22/1993	EP0676090	7/16/1997	12/22/2013	Issued
001194CH	Process for charging	Ch	10 th Maintenance Fee Due by 12/22/02	94902526.6	12/22/1993	EP0676090	7/16/1997	12/22/2013	Issued
001194DE	Process for charging	De	10 th Maintenance Fee Due by 12/22/02	EP0676090	12/22/1993	59306945.5-08	7/16/1997	12/22/2013	Issued
001194EP	Process for charging	Ep		94902526.6	12/22/1993	EP0676090	7/16/1997	12/22/2013	Allowed
001194FR	Process for charging	Fr	10 th Maintenance Fee Due by 12/22/02	94902526.6	12/22/1993	EP0676090	7/16/1997	12/22/2013	Issued
001194IT	Process for charging	It	10 th Maintenance Fee Due by 12/22/02	94902526.6	12/22/1993	EP0676090	7/16/1997	12/22/2013	Issued
001194JP	Process for charging	JP	5 th Maintenance Fee Due by 11/13/02	6-514591	12/22/1993	2851435	11/13/1998	12/22/2013	Issued
001194UK	Process for charging	Uk	10 th Maintenance Fee Due by 12/22/02	94902526.6	12/22/1993	EP0676090	7/16/1997	12/22/2013	Issued
001195	Method for producing a nondetachable, fluid-tight, and gas-tight connection between a plate stack and a lateral component of an electrochemical battery	U.S.	7.5 Yr Maintenance Fee due by 8/10/05	08/617757	9/14/1994	5,716,733	2/10/1998	2/10/2015	Issued
001195AT	Seitenbauteil zur abstandsposi	At	9 th Maintenance Fee due by 9/30/02	94926052.5	9/14/1994	EP0719460	7/3/1996	9/14/2014	Issued
001195AT00	Seitenbauteil zur abstandsposi	At	7 th Maintenance Fee Due by 8/15/02	1893/93	9/17/1993	403634	4/27/1998	9/17/2013	Issued
001195CH	Seitenbauteil zur abstandsposi	Ch	9 th Maintenance Fee Due by 9/30/02	94926052.5	9/14/1994	EP0719460	12/2/1998	9/14/2014	Issued
001195DE	Seitenbauteil zur abstandsposi	De	9 th Maintenance Fee Due by 9/30/02	EP0719460	9/14/1994	59407399.5	12/2/1998	9/14/2014	Issued
001195EP	Seitenbauteil zur abstandsposi	Ep		94926052.5	9/14/1994	EP0719460	7/3/1996	9/14/2014	Allowed

Patent Portfolio of US, PCT, and Foreign cases for Powercell Corporation

Date: April 25, 2002

Case No. Client Case No.	Title	Country	Office Action Mant. Fee	Application Number	Filing Date	Patent Number	Date Issued	Expiration Date	Status
001260	Rib spacing with registration point	U.S.	Awaiting 1 st Office Action	09/667387	9/22/2000				Pending
001260PCT	Rib spacing with registration point	PCT	Demand filed 4/22/02 Nat'l Phase 3/22/03	PCT/US01/29448	9/20/2001				Pending
001261	Bipolar plate and method of manufacturing same	U.S.	Awaiting 1 st Office Action	09/721569	11/22/2000				Pending
001261-PCT	Bipolar plate and method of manufacturing same	PCT	Demand due 6/22/02 Nat'l Phase 7/22/02	PCT/US01/43475	11/22/2001				Pending
001262	Charging/floating process for zinc-bromine batteries	U.S.	Response to Office Action	09/677242	10/2/2000				Pending
001262-PCT	Charging/floating process for zinc-bromine batteries	PCT	Demand due 5/2/02 Nat'l Phase due 6/2/02	PCT/US01/42460	9/28/2001				Pending
001263	Recombinator for the re-acidification of an electrolyte stream in a flowing electrolyte zinc-bromine battery	U.S.	Check status 8/22/02	09/677996	10/3/2000				Pending
001263-PCT	Recombinator for the re-acidification of an electrolyte stream in a flowing electrolyte zinc-bromine battery	PCT	Demand due 5/3/02 Nat'l Phase due 6/30/02	PCT/US01/30782	9/28/2001				Pending
001263CO01	Recombinator for the re-acidification of an electrolyte stream in a flowing electrolyte zinc-bromine battery	U.S.	Check status by 10/29/02	10/053341	10/29/2001				Pending
001264	Electrochemical cell with manifold device and associated method of manufacture and operation	U.S.	Awaiting Office Action	09/667386	9/22/2000				Pending
001264-PCT	Electrochemical cell with manifold device and associated method of manufacture and operation	PCT	Demand filed 4/22/02 Nat'l Phase due 3/22/03	PCT/US01/29450	9/20/2001				Pending
001265	Module battery cell stack positioning system	U.S.	Awaiting Office Action	09/675084	9/28/2000				Pending
001265-PCT	Module battery cell stack positioning system	PCT	Demand due 4/28/02 Nat'l Phase due 5/28/02	PCT/US01/30785	9/28/2001				Pending

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PATENT

REEL: 013184 FRAME: 0082

Patent Portfolio of US, PCT, and Foreign cases for Powercell Corporation

Date: April 25, 2002

Case No. Client Case No.	Title	Country	Office Action Maint. Fee	Application Number	Filing Date	Patent Number	Date Issued	Expiration Date	Status
001290	System and method for providing electric power	U.S.	File Foreigns by 7/05/02	09/900761	7/05/2001				Pending -- Awaiting Decision on Petition filed 2/6/02
001341	Apparatus and method for independently operating a plurality of ac voltage sources in parallel	U.S.	File Foreigns by 7/05/02	09/899749	7/05/2001				Pending -- Awaiting Decision on Petition filed 2/20/02
001342	Leak sensor for zinc/bromine batteries	U.S.	File Foreigns by 7/05/02	09/899523	7/05/2001				Pending -- Awaiting Decision on Petition filed 2/20/02
011190	Leis	U.S.	File Foreigns by 11/30/02	09/997725	11/30/2001				Pending -- Awaiting Decision on Petition filed 2/12/02
011208	Spider manifold/static mixer	U.S.	Awaiting Review by Gerd Tomazic						New -- Will file upon instructions by liquidator
011209	Leak sensor for flowing electrolyte batteries	U.S.	File Foreigns by 11/30/02	09/997724	11/30/2001				Pending -- Awaiting Decision on Petition filed 2/12/02
011210	Float mode improvement	U.S.	Awaiting Review by Gerd Tomazic						New -- Will file upon instructions by liquidator
011211	Recombinator improvement	U.S.	File Foreigns by 12/13/02	10/017918	12/13/2001				Pending
011212	System for production of electrical shunting	U.S.	File Foreigns by 1/3/02	10/038044	1/3/2002				Pending
011283	Modified Surface Structure of Electrode	U.S.	Awaiting Review by Gerd Tomazic						New -- Will file upon instructions by liquidator
011284	Method for Controlling pH	U.S.	Awaiting Review by Gerd Tomazic						New -- Will file upon instructions by liquidator
991574PV	New capacitor	U.S.		60/165865	11/16/1999				Pending -- Missing Signed Declaration
991574PV-PCT	New capacitor	PCT	Enter National Phase by 5/16/02	PCT/US00/31588	11/16/2000				Pending

Patent Portfolio of US, PCT, and Foreign cases for Powercell Corporation

Date: April 25, 2002

Case No. Client Case No.	Title	Country	Office Action Maint. Fee	Application Number	Filing Date	Patent Number	Date Issued	Expiration Date	Status
001128 AT	Galvanisches Element und Verfahren zur bestimmung des gleichmassigen ladungszustandes	AT	15 th Maintenance Fee due 5/15/03	A1265/88	5/15/89	389600	11/23/89	5/15/09	Issued
001128 BE	Galvanisches Element und Verfahren zur bestimmung des gleichmassigen ladungszustandes	BE	15 th Maintenance Fee due 5/31/03	89890131.9	5/3/89	0343144	11/23/89	5/3/89	Issued
001128 CH	Galvanisches Element und Verfahren zur bestimmung des gleichmassigen ladungszustandes	CH	15 th Maintenance Fee due 5/15/03	89890131.9	5/3/89	0343144	11/23/89	5/3/89	Issued
001128 DE	Galvanisches Element und Verfahren zur bestimmung des gleichmassigen ladungszustandes	DE	15 th Maintenance Fee due 5/15/03	89890131.9	5/3/89	0343144	11/23/89	5/3/89	Issued
001128 FR	Galvanisches Element und Verfahren zur bestimmung des gleichmassigen ladungszustandes	FR	15 th Maintenance Fee due 5/15/03	89890131.9	5/3/89	0343144	11/23/89	5/3/89	Issued
001128 LU	Galvanisches Element und Verfahren zur bestimmung des gleichmassigen ladungszustandes	LU	15 th Maintenance Fee due 5/15/03	89890131.9	5/3/89	0343144	11/23/89	5/3/89	Issued
001128 UK	Galvanisches Element und Verfahren zur bestimmung des gleichmassigen ladungszustandes	UK	15 th Maintenance Fee due 5/3/03	89890131.9	5/3/89	0343144	11/23/89	5/3/89	Issued
001129	Method of charging a multiplicity of batteries	U.S.	7.5 Yr Maintenance Fee due 5/21/02	887054	5/22/1992	5391973	2/21/1995	5/22/2012	Issued
001129 AT	Verfahren zum Laden einer Mehrzahl von Batterien	AT	11 th Maintenance Fee due 5/31/03	1062/91	5/20/92	396312	8/25/93	5/24/11	Issued
001129 CH	Verfahren zum Laden einer Mehrzahl von Batterien	CH	11 th Maintenance Fee due 5/31/03	92890122.2	5/20/92	0515354	11/25/92	5/20/12	Issued
001129 DE	Verfahren zum Laden einer Mehrzahl von Batterien	DE	11 th Maintenance Fee due 5/31/03	92890122.2	5/20/92	59209401.4	11/25/92	5/20/12	Issued

Patent Portfolio of US, PCT, and Foreign cases for Powercell Corporation

Date: April 25, 2002

Case No. Client Case No.	Title	Country	Office Action Maint. Fee	Application Number	Filing Date	Patent Number	Date Issued	Expiration Date	Status
001130 AT	Metal/Halogen-Batterie	AT	15 th Maintenance Fee due 5/31/03	A 1225/87	5/14/1987	389599	12/27/1989	5/15/2007	Issued
001130 CH	Metal/Halogen-Batterie	CH	15 th Maintenance Fee due 5/31/03	88890111.3	5/9/1988	EP0291496	11/17/1988	5/09/2008	Issued
001130 DE	Metal/Halogen-Batterie	DE	15 th Maintenance Fee due 5/31/03	EP0291496	5/9/1988	3878025.9-08	11/17/1988	5/09/2008	Issued
01130 FR	Metal/Halogen-Batterie	FR	15 th Maintenance Fee due 5/31/03	88890111.3	5/9/1988	EP0291496	11/17/1988	5/09/2008	Issued
001130 UK	Metal/Halogen-Batterie	UK	15 th Maintenance Fee due 5/31/03	88890111.3	5/9/1988	EP0291496	11/17/1988	5/09/2008	Issued
001131 AT	Galvanisches element	At	15 th Maintenance Fee due 5/15/03	A 3493/85	12/2/1985	389597	12/27/1989	12/2/2005	Issued
001131 DB	Galvanisches element	De	18 th Maintenance Fee due 12/31/02	EP0225315	12/2/1986	3669420.7-08	3/7/1990	12/2/2006	Issued
001131 FR	Galvanisches element	Fr	17 th Maintenance Fee due 12/2/02	86890333.7	12/2/1986	EP0225315	3/7/1990	12/2/2006	Issued
001182 AT	Galvanisches element, insbeson	At	17 th Maintenance Fee due 12/18/02	84890249.0	12/18/1984	EP0149448	7/24/1985	12/18/2004	Issued
001182 BE	Galvanisches element, insbeson	Be	17 th Maintenance Fee due 12/18/02	84890249.0	12/18/1984	EP0149448	7/24/1985	12/18/2004	Issued
001182 CH	Galvanisches element, insbeson	Ch	18 th Maintenance Fee due 12/18/02	84890249.0	12/18/1984	EP0149448	7/24/1985	12/18/2004	Issued
001182 DE	Galvanisches element, insbeson	De	18 th Maintenance Fee due 12/18/02	EP0149448	12/18/1984	3483570.9-08	7/24/1985	12/18/2004	Issued
001182 FR	Galvanisches element, insbeson	Fr	18 th Maintenance Fee due 12/18/02	84890249.0	12/18/1984	EP0149448	7/24/1985	12/18/2004	Issued
001182 IT	Galvanisches element, insbeson	It	18 th Maintenance Fee due 12/18/02	84890249.0	12/18/1984	EP0149448	7/24/1985	12/18/2004	Issued
001182 LU	Galvanisches element, insbeson	Lu	18 th Maintenance Fee due 12/18/02	84890249.0	12/18/1984	EP0149448	7/24/1985	12/18/2004	Issued
001182 NL	Galvanisches element, insbeson	Nl	18 th Maintenance Fee due 12/18/02	84890249.0	12/18/1984	EP0149448	11/7/1990	12/18/2004	Issued
001182 SE	Galvanisches element, insbeson	Se	18 th Maintenance Fee due 12/18/02	84890249.0	12/18/1984	EP0149448	7/24/1985	12/18/2004	Issued
001182 UK	Galvanisches element, insbeson	Uk	18 th Maintenance Fee due 12/18/02	84890249.0	12/18/1984	EP0149448	7/24/1985	12/18/2004	Issued

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PATENT

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001183AT	Galvanisches element mit umlauf	At	17 th Maintenance Fee 10/15/02	1858/84	6/6/1984	383229	6/10/1987	10/15/2004	Issued
001184AT	Galvanisches element	At	18 th Maintenance Fee Due 6/15/03	85890126.7	6/5/1985	EP0168377	1/15/1986	6/5/2005	Issued
001184BB	Galvanisches element	Be	18 th Maintenance Fee Due 6/15/03	85890126.7	6/5/1985	EP0168377	1/15/1986	6/5/2005	Issued
001184CH	Galvanisches element	Ch	18 th Maintenance Fee Due 6/15/03	85890126.7	6/5/1985	EP0168377	1/15/1986	6/5/2005	Issued
001184DE	Galvanisches element	De	18 th Maintenance Fee Due 6/15/03	EP0168377	6/5/1985	3582282.1-08	1/15/1986	6/5/2005	Issued
001184FR	Galvanisches element	Fr	18 th Maintenance Fee Due 6/15/03	85890126.7	6/5/1985	EP0168377	1/15/1986	6/5/2005	Issued
001184IT	Galvanisches element	It	18 th Maintenance Fee Due 6/15/03	85890126.7	6/5/1985	EP0168377	1/15/1986	6/5/2005	Issued
001184LU	Galvanisches element	Lu	18 th Maintenance Fee Due 6/15/03	85890126.7	6/5/1985	EP0168377	1/15/1986	6/5/2005	Issued
001184NL	Galvanisches element	Nl	18 th Maintenance Fee Due 6/15/03	85890126.7	6/5/1985	EP0168377	3/27/1991	6/5/2005	Issued
001184SE	Galvanisches element	Se	18 th Maintenance Fee Due 6/15/03	85890126.7	6/5/1985	EP0168377	1/15/1986	6/5/2005	Issued
001184UK	Galvanisches element	Uk	18 th Maintenance Fee Due 6/15/03	85890126.7	6/5/1985	EP0168377	1/15/1986	6/5/2005	Issued
001185AT	Galvanische batterie und verfa	At	17 th Maintenance Fee Due 6/15/03	786	1/3/1986	388469	6/26/1989	1/3/2006	Issued
001186AT	Metall/halogen-batterie	At	16 th Maintenance Fee Due 6/15/03	195/88	2/1/1988	389781	1/25/1990	6/15/2007	Issued
001187AT	Halogen/metall-batterie	At	15 th Maintenance Fee Due 12/15/02	1053/89	5/3/1989	393046	7/25/1991	12/15/2008	Issued
001188AT	Galvanisches element, insbeson	At	15 th Maintenance Fee Due 12/15/02	2672/89	11/23/1989	393047	7/25/1991	12/15/2008	Issued
001188BE	Galvanisches element, insbeson	Be	13 th Maintenance Fee Due 11/19/02	90890303.2	11/19/1990	EP0438044	7/24/1991	11/19/2010	Issued
001188CH	Galvanisches element, insbeson	Ch	13 th Maintenance Fee Due 11/19/02	90890303.2	11/19/1990	EP0438044	7/24/1991	11/19/2010	Issued
001188DE	Galvanisches element, insbeson	De	13 th Maintenance Fee Due 11/19/02	EP0438044	11/19/1990	DE59010631.7-08	7/24/1991	11/19/2010	Issued

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001188EP	Galvanisches element, insbesondere	Ep		90890303.2	11/19/1990	EP0438044	7/24/1991	11/19/2010	Allowed
001188FR	Galvanisches element, insbesondere	Fr	13 th Maintenance Fee Due 11/19/02	90890303.2	11/19/1990	EP0438044	7/24/1991	11/19/2010	Issued
001188IT	Galvanisches element, insbesondere	It	13 th Maintenance Fee Due 11/19/02	90890303.2	11/19/1990	EP0438044	7/24/1991	11/19/2010	Issued
001188LU	Galvanisches element, insbesondere	Lu	13 th Maintenance Fee Due 11/19/02	90890303.2	11/19/1990	EP0438044	7/24/1991	11/19/2010	Issued
001188UK	Galvanisches element, insbesondere	Uk	13 th Maintenance Fee Due 11/19/02	90890303.2	11/19/1990	EP0438044	7/24/1991	11/19/2010	Issued
001189AT	Verfahren zur gezielten elektr	At	14 th Maintenance Fee Due 9/15/02	2879/89	12/19/1989	394119	2/10/1992	7/15/2009	Issued
001190AT	Verfahren zum verbinden von th	At	12 th Maintenance Fee due 9/30/02	91890225.5	9/24/1991	EP0479765	4/8/1992	9/24/2011	Issued
001190CH	Verfahren zum verbinden von th	Ch	12 th Maintenance Fee due 9/30/02	91890225.5	9/24/1991	EP0479765	4/8/1992	9/24/2011	Issued
001190DE	Verfahren zum verbinden von th	De	12 th Maintenance Fee due 9/30/02	EP0479765	9/24/1991	59107716.7-08	4/8/1992	9/24/2011	Issued
001190BP	Verfahren zum verbinden von th	Bp		91890225.5	9/24/1991	EP0479765	4/8/1992	9/24/2011	Allowed
001190FR	Verfahren zum verbinden von th	Fr	12 th Maintenance Fee due 9/30/02	91890225.5	9/24/1991	EP0479765	4/8/1992	9/24/2011	Issued

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001196AT	Verfahren zum abbau ungleichma	At	16 th Maintenance Fee due 2/28/03	20287	2/2/1987	388063	4/25/1989	9/15/2006	Issued
001196BB	Verfahren zum abbau ungleichma	Be	16 th Maintenance Fee due 2/28/03	88890020.6	2/1/1988	EP0277937	4/28/1993	2/1/2008	Issued
001196CH	Verfahren zum abbau ungleichma	Ch	16 th Maintenance Fee due 2/28/03	88890020.6	2/1/1988	EP0277937	4/28/1993	2/1/2008	Issued
001196DE	Verfahren zum abbau ungleichma	De	16 th Maintenance Fee due 2/28/03	EP0277937	2/1/1988	DE3880518.9	4/28/1993	2/1/2008	Issued
001196EP	Verfahren zum abbau ungleichma	Ep		88890020.6	2/1/1988	EP0277937	4/28/1993	9/15/2006	Allowed
001196FR	Verfahren zum abbau ungleichma	Fr	16 th Maintenance Fee due 2/28/03	88890020.6	2/1/1988	EP0277937	4/28/1993	2/1/2008	Issued
001196IT	Verfahren zum abbau ungleichma	It	16 th Maintenance Fee due 2/28/03	88890020.6	2/1/1988	EP0277937	4/28/1993	2/1/2008	Issued
001196LU	Verfahren zum abbau ungleichma	Lu	16 th Maintenance Fee due 2/28/03	88890020.6	2/1/1988	EP0277937	4/28/1993	2/1/2008	Issued
001196UK	Verfahren zum abbau ungleichma	Uk	16 th Maintenance Fee due 2/28/03	88890020.6	2/1/1988	EP0277937	4/28/1993	2/1/2008	Issued
PWR-001PR	Features, Controls and Methods Relating to a Flowing Electrolyte Battery and an Uninterruptible Power Source Employing a Flowing Electrolyte Battery	US	File Missing Parts of Provisional Application no later than 8/4/2002	60/345,403	12/13/2001				Pending - No Assignment