502753273 04/03/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2799869

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROYAL APPLIANCE MFG. CO.	05/20/2011

RECEIVING PARTY DATA

Name:	TECHTRONIC FLOOR CARE TECHNOLOGY LIMITED
Street Address:	P.O. BOX 957
Internal Address:	OFFSHORE INCORPORATIONS CENTRE
City:	ROAD TOWN, TORTOLA
State/Country:	BRITISH VIRGIN ISLANDS

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12125505

CORRESPONDENCE DATA

Fax Number: (414)277-0656

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

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Email:mkeipdocket@michaelbest.comCorrespondent Name:MICHAEL BEST & FRIEDRICH LLPAddress Line 1:100 EAST WISCONSIN AVENUE

Address Line 2: SUITE 3300

Address Line 4: MILWAUKEE, WISCONSIN 53202-4108

ATTORNEY DOCKET NUMBER:	025726-9252-US01
NAME OF SUBMITTER:	JODI ANDERSON
SIGNATURE:	/jodi anderson/
DATE SIGNED:	04/03/2014

Total Attachments: 16

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PATENT ASSIGNMENT AGREEMENT

This Patent Assignment Agreement ("Patent Assignment"), is by and between ROYAL APPLIANCE MANUFACTURING CO., a corporation incorporated under the laws of Ohio ("Assignor"), and TECHTRONIC FLOOR CARE TECHNOLOGY LIMITED, a company organized under the laws of the British Virgin Islands ("Assignee").

WHEREAS, Assignor owns all right, title and interest in and to certain Patent Rights (as defined below) for each of the inventions as described in each of the patents and patent applications as set forth in Schedules A and B attached hereto and made a part hereof;

WHEREAS, Assignor and Assignee are parties to that certain RAMC – Trademarks and Patents Asset Purchase Agreement, dated as of December 31, 2009 (the "Purchase Agreement"), pursuant to which Assignor has agreed to sell, assign, convey, transfer and convey to Assignee the Assets (as defined in the Purchase Agreement) and all of its right, title and interest therein including, without limitation, the Patent Rights;

WHEREAS, Assignee desires for Assignor to sell, assign, convey, transfer and deliver to Assignee all right, title and interest in and to the Patent Rights; and

WHEREAS, the parties wish to execute and deliver this Patent Assignment for the purpose of assigning the Patent Rights from Assignor to Assignee.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, assign, convey, transfer and deliver to Assignee, nunc pro tunc, effective as of December 31, 2009, all right, title and interest in, to and under the Patent Rights, the same to be held and enjoyed by Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives, fully and entirely as if the same would have been held and enjoyed by Assignor if this Assignment had not been made. As used in this Assignment, "Patent Rights" shall mean all patents and patent applications set forth in Schedules A and B attached hereto, any inventions described therein, all patent rights and rights of priority, all patent disclosures, improvements and all statutory invention registrations, including without limitation any United States, international, and foreign rights in patents, patent applications, provisional patents and applications, rights of priority and inventions covered thereby, and all continuing applications, reissues, divisions, continuations, continuations in part, extensions, renewals and reexaminations of any of the foregoing in the United States and throughout the world to the full end of the term or terms for which any letters patents based on any of the foregoing issue, together with the right to sue, counterclaim and recover damages and profits and all other remedies for claims of past, present and future infringement thereof, and all income, royalties, damages, and payments now or hereafter due or payable with respect to the Patent Rights.

Assignor hereby agrees to execute, at Assignee's expense, such additional documents as Assignee may request to register and otherwise give full effect to and perfect the rights of Assignee under this Patent Assignment in and to the Patent Rights worldwide, including all documents necessary to register in the name of Assignee the assignment of the Patent Rights with the United States Patent and Trademark Office and, with respect to any equivalent foreign rights, with any other appropriate international or international office or registrar.

IN WITNESS WHEREOF, the undersigned have executed this Patent Assignment.

	ROYAL APPLIANCE MANUFACTORING CO.
	By Mall Se
	Matthew J. Shene
	Treasurer (
	Date: 5/20/11
	Date. 3/20/11
STATE OF OHIO)	
) SS	
COUNTY OF CUYAHOGA)	
On this Anth day of Mous	_, 201 <u>\u00b1</u> , Matthew J. Shene personally appeared before
me, whom I know to be the person wh	no signed this document having sufficient legal capacity as
Treasurer of Royal Appliance Manufa	
	WHIAL OF
Ums de	AMY E. GAGICH NOTARY PUBLIC
Notary Public	STATE OF OHIO
Name: Hmy E Gagich	Recorded in
My Commission Expires: Louis	My Comm. Exp. 6/16/15
	E OF OTHER
	"MINIO".
	TECHTRONIC FLOOR CARE TECHNOLOGY LIMITED
	By A
	Mary Schoening
	Authorized Agent
	Date: \$\\20\11
	Date 100 1 ()
STATE OF OHIO)	
) SS	
COUNTY OF CUYAHOGA)	
On this 25th day of May	_, 201⊥, Mary Schoening personally appeared before me, gned this document having sufficient legal capacity as
whom I know to be the person who si	gned this document having sufficient legal capacity as
Authorized Agent of Techtronic Floor	Care Technology Limited.
Ω . \mathcal{L}	
Umixe	— NATA COL
Notary Rubic F	AMY E. GAGICH NOTARY PUBLIC
Name: HMYT (1001(M) My Commission Expires)	STATE OF OHIO
My Commission Expires 2 . 1	Recorded in
	Lake County My Comm. Exp. 6/16/15
	W.F. OF MAN

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Title	Country	Status	App. No	Filing Date	Patent No.	Issue Date
DIAPHRAGM PUMP	United States of America	Published	12/506627	10/23/2009		
HAND VACILIM	United States of America	Granted	29/344152	9/24/2009	D626708	11/2/2010
HAND-HELD VACUUM CLEANER WITH A	United States of America	Granted	09/759512	1/12/2001	6497001	12/24/2002
DETACHABLE HEAD						
VACUUM CLEANER HAVING HOSE DETACHABLE AT NOZZLE	United States of America	Granted	10/224483	8/20/2002	6951045	10/4/2005
AUTONOMOUS MULTI-PLATFORM ROBOTIC SYSTEM	United States of America	Granted	10/417152	4/16/2003	6836701	12/28/2004
VACUUM CLEANER WITH CLEANING PAD	United States of America	Granted	10/340247	1/10/2003	7137169	11/21/2006
SUCTION WET JET MOP	United States of America	Granted	10/669214	9/24/2003	7048804	5/23/2006
STEERABLE UPRIGHT VACUUM CLEANER	United States of America	Granted	11/312739	12/20/2005	7805804	10/5/2010
TWIN CYCLONE VACUUM CLEANER	United States of America	Allowed	11/817938	9/6/2007		
TWIN CYCLONE VACUUM CLEANER	United States of America	Granted	11/082501	3/17/2005	7410516	8/12/2008
HIGH PRESSURE EXTRACTOR	United States of America	Published	11/358177	2/21/2006		
CYCLONIC UTILITY VACUUM	United States of America	Published	12/121060	5/15/2008		
DUAL STAGE CYCLONIC VACUUM CLEANER	United States of America	Published	12/125505	5/22/2008		
PORTABLE CLEANING DEVICE	United States of America	Granted	29/292675	10/24/2007	D588313	3/10/2009
TELESCOPING WAND FOR VACUUM CLEANERS	United States of America	Granted	07/976439	11/13/1992	5462311	10/31/1995
ELECTRIC BROOM	United States of America	Allowed	29/293903	12/17/2007		
STICK TYPE VACUUM CLEANER	United States of America	Granted	08/001458	1/7/1993	5347679	9/20/1994
VACUUM CLEANER	United States of America	Granted	29/032250	12/15/1994	D405929	2/16/1999
ELECTRICALLY INSULATING BELT DRIVE FOR VACUUM CLEANER MOTOR ASSEMBLY	United States of America	Granted	08/002212	1/8/1993	5287592	2/22/1994
COMPACT AIR PATH CONSTRUCTION FOR VACUUM CLEANER	United States of America	Granted	08/435732	5/5/1995	5606770	3/4/1997
HAND-HELD VACUUM CLEANER	United States of America	Granted	08/130303	10/1/1993	5421058	6/6/1995
COMBINED WET/DRY VACUUM CLEANER WITH A DETACHABLE BLOWER	United States of America	Granted	29/017193	1/6/1994	D373862	9/17/1996
COMBINED WET/DRY VACUUM CLEANER WITH A DETACHABLE BLOWER	United States of America	Granted	29/038552	5/8/1995	D384448	9/30/1997
HAND HELD VACUUM CLEANER	United States of America	Granted	29/031733	12/5/1994	D401021	11/10/1998
PORTABLE HAND-HELD VACUUM CLEANER	United States of America	Granted	08/372460	1/13/1995	5561885	10/8/1996
RECHARGEABLE HAND HELD VACUUM CLEANER WITH ELECTRICAL CONNECTIONS CIRCUIT BOARD WITH SPRING CONTACTS	United States of America	Granted	08/372659	1/13/1995	5869947	2/9/1999
FILTER FOR RECHARGEABLE HAND HELD VACUUM CLEANER	United States of America	Granted	29/033504	1/13/1995	D425270	5/16/2000

10/10/2006	7117558	9/8/2004	10/936178	Granted	United States of America	CYCLONIC AIR FLOW
9/20/2005	6944909	5/6/2004	10/840058	Granted	United States of America	UPRIGHT VACUUM CLEANER WITH CYCLONIC AIR FLOW
2/22/2005	6857164	9/29/2003	10/673815	Granted	United States of America	UPRIGHT VACUUM CLEANER WITH CYCLONIC AIR FLOW
2/1/2005	6848146	7/17/2003	10/622897	Granted	United States of America	CYCLONIC AIRFLOW
10/13/2002	7200040	13012001	09/90000	Glallica	Officed States of Afficility	CYCLONIC AIRFLOW
9/14/1999	5950268	12/2/1997	08/982325	Granted	United States of America	HAND-HELD SCRUBBING DEVICE
12/21/1999	D417789	1/27/1998	29/082597	Granted	United States of America	HAND-HELD SCRUBBING DEVICE
12/28/1999	D418265	1/22/1997	29/065464	Granted	United States of America	UPRIGHT VACUUM CLEANER
1/11/2000	D418953	4/25/1997	29/070039	Granted	United States of America	UPRIGHT VACUUM CLEANER
9/8/1998	D398097	1/10/1997	29/064809	Granted	United States of America	UPRIGHT VACUUM CLEANER
1/11/2000	6012200	1/10/1997	08/781488	Granted	United States of America	UPRIGHT VACUUM CLEANER
12/22/1998	5850666	1/10/1997	08/781805	Granted	United States of America	UPRIGHT VACUUM CLEANER
8/15/2000	6101671	1/9/1999	09/226897	Granted	United States of America	WET MOP AND VACUUM ASSEMBLY
11/16/1999	5983448	5/22/1998	09/083809	Granted	United States of America	CORDLESS WET MOP AND VACUUM ASSEMBLY
5/23/2000	6065182	12/31/1996	08/775284	Granted	United States of America	CORDLESS WET MOP AND VACUUM ASSEMBLY
10/19/1999	5968281	6/8/1998	09/093355	Granted	United States of America	METHOD FOR MOPPING AND DRYING A FLOOR
7/20/1999	5924167	6/8/1998	09/093206	Granted	United States of America	CORDLESS WET MOP AND VACUUM ASSEMBLY
12/14/1999	8000088	0/6/1998	09/093356	Gianted	Offiled States of Affielica	ASSEMBLY
5/28/1996	D370322	7/31/1995	29/042077	Granted	United States of America	ELECTRIC BROOM
5/2/2000	D424263	2/16/1996	29/050395	Granted	United States of America	ELECTRIC BROOM
3/31/1998	5732439	12/19/1995	08/574952	Granted	United States of America	DIRT DOOR LINKAGE SYSTEM
8/25/1998	5797162	1/10/1997	08/781721	Granted	United States of America	EXTENDABLE HOSE FOR A VACUUM CLEANER
8/29/2000	6108861	5/22/1998	09/083353	Granted	United States of America	EXTENDABLE HOSE FOR A VACUUM CLEANER
5/26/1998	5755009	1/16/1996	08/585902	Granted	United States of America	BAG MOUNT FOR A VACUUM CLEANER
9/1/1998	5799364	12/20/1995	08/575471	Granted	United States of America	NOZZLE ADAPTER
9/3/1996	5551120	2/17/1995	08/390655	Granted	United States of America	CONVERSION ASSEMBLY FOR VACUUM CLEANERS
4/20/1999	D408600	1/12/1995	29/033429	Granted	United States of America	VACUUM CLEANER
Issue Date	Patent No.	Filing Date	App. No	Status	Country	Title

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UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	United States of America	Granted	11/114541	4/26/2005	7134166	11/14/2006
UPRIGHT VACUUM CLEANER WITH	United States of America	Granted	09/818441	3/27/2001	6588054	7/8/2003
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIR FLOW	United States of America	Granted	11/130989	5/17/2005	7117557	10/10/2006
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIR FLOW	United States of America	Granted	10/162523	6/4/2002	6901626	6/7/2005
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	United States of America	Granted	10/074615	2/12/2002	RE38949	1/31/2006
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	United States of America	Granted	10/998370	11/29/2004	7146681	12/12/2006
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	United States of America	Granted	10/939190	9/10/2004	7131165	11/7/2006
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIR FLOW	United States of America	Granted	09/818756	3/27/2001	6588055	7/8/2003
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	United States of America	Granted	09/004999	1/9/1998	6003196	12/21/1999
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	United States of America	Granted	09/122541	7/24/1998	6026540	2/22/2000
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIR FLOW	United States of America	Granted	09/216529	12/18/1998	6070291	6/6/2000
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	United States of America	Granted	09/415363	10/8/1999	6260234	7/17/2001
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIR FLOW	United States of America	Granted	09/461120	12/14/1999	6353963	3/12/2002
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIR FLOW	United States of America	Granted	09/818431	3/27/2001	6401295	6/11/2002
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	United States of America	Granted	10/271037	10/15/2002	6745432	6/8/2004
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIR FLOW	United States of America	Granted	10/094675	3/11/2002	6735817	5/18/2004
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIR FLOW	United States of America	Granted	10/244900	9/17/2002	6591446	7/15/2003
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIR FLOW	United States of America	Granted	10/218231	8/13/2002	6735815	5/18/2004
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	United States of America	Published	10/999382	11/30/2004		
VACUUM CLEANER UPPER PORTION	United States of America	Granted	29/081859	1/9/1998	D465075	10/29/2002
Yad	United States of America	Granted	29/097239	12/2/1998	D426358	6/6/2000
NOZZLE BASE FOR A VACUUM CLEANER	United States of America	Granted	29/098005	12/18/1998	D427736	7/4/2000

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CARPET CLEANER EXTRACTOR BASE	United States of America	Granted	29/098945	1/8/1999	D439382	3/20/2001
CARPET EXTRACTOR LOWER HANDLE PORTION	United States of America	Granted	29/098946	1/8/1999	D442750	5/22/2001
CARPET CLEANING EXTRACTOR DIRTY FLUID TANK	United States of America	Granted	29/098944	1/8/1999	D431098	9/19/2000
COMBINATION VACUUM CLEANER HANDLE TOP PORTION AND TOOL HANDLE	United States of America	Granted	29/097237	12/2/1998	D420477	2/8/2000
COMBINED VACUUM CLEANER HANDLE AND HOSE	United States of America	Granted	29/097994	12/18/1998	D429044	8/1/2000
COMBINATION BRUSHROLL AND NOZZLE INLET CONTROL MECHANISM	United States of America	Granted	09/453596	11/29/1999	6209168	4/3/2001
VALVE ASSEMBLY FOR CARPET EXTRACTOR	United States of America	Granted	09/227671	1/8/1999	6073300	6/13/2000
CARPET EXTRACTOR HOUSING	United States of America	Granted	09/227360	1/8/1999	6154917	12/5/2000
CARPET EXTRACTOR HOUSING	United States of America	Granted	09/615433	7/13/2000	6378162	4/30/2002
COMBINATION DIRTY FLUID TANK AND NOZZLE FOR A CARPET EXTRACTOR	United States of America	Granted	09/633221	8/7/2000	6325864	12/4/2001
COMBINATION DIRTY FLUID TANK AND NOZZLE FOR A CARPET EXTRACTOR	United States of America	Granted	09/227977	1/8/1999	6145159	11/14/2000
UPPER HANDLE PORTION OF CARPET EXTRACTOR	United States of America	Granted	29/098809	1/6/1999	D428677	7/25/2000
NOZZLE BASE FOR VACUUM CLEANER	United States of America	Granted	29/098883	1/7/1999	D427399	6/27/2000
FILTER FOR VACUUM CLEANER	United States of America	Granted	29/098792	1/6/1999	D441155	4/24/2001
VACUUM CLEANER DUST CUP	United States of America	Granted	29/098763	1/6/1999	D433201	10/31/2000
CLEANING FLUID TANK FOR CARPET EXTRACTOR	United States of America	Granted	29/098924	1/8/1999	D439381	3/20/2001
IMPELLER HOUSING WITH REDUCED NOISE AND IMPROVED AIRFLOW	United States of America	Granted	09/407377	9/28/1999	6171054	1/9/2001
IMPELLER AND HOUSING ASSEMBLY WITH REDUCED NOISE AND IMPROVED AIRFLOW	United States of America	Granted	09/635091	8/8/2000	6579060	6/17/2003
TWO-STAGE PARTICLE SEPARATOR FOR VACUUM CLEANERS	United States of America	Granted	09/676650	9/29/2000	6428589	8/6/2002
HAND-HELD WET/DRY VACUUM	United States of America	Granted	09/482164	1/12/2000	6347428	2/19/2002
PORTABLE WET/DRY VACUUM CLEANER	United States of America	Granted	29/116871	1/12/2000	D443960	6/19/2001
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW PATHWAY	United States of America	Granted	10/752485	1/6/2004	RE39473	1/23/2007
UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW PATHWAY	United States of America	Granted	09/483014	1/13/2000	6341404	1/29/2002
UPPER HANDLE PORTION OF A VACUUM CLEANER	United States of America	Granted	29/116860	1/12/2000	D439385	3/20/2001
FILTER HOLDER FOR A VACUUM CLEANER	United States of America	Granted	29/116865	1/12/2000	D436701	1/23/2001

Title							
WACUUM CLEANER Unled States of America Granted 29/15903 11/12/2000 19/36/25 LUMI CLEANER Unled States of America Granted 29/116901 11/12/2000 D43983 NCFA VACUUM Unled States of America Granted 29/116901 1008/2000 D43983 OR VACUUM CLEANER Unled States of America Granted 29/130315 11/22/2000 D439867 ULM CLEANER Unled States of America Granted 29/130315 11/28/2001 D43524 ULM CLEANER Unled States of America Granted 29/130315 11/12/2001 D43524 ULM CLEANER Unled States of America Granted 29/133315 11/12/2001 D43396 ULM CLEANER Unled States of America Granted 29/13522 11/12/2001 D43396 ULM CLEANER Unled States of America Granted 29/13522 11/12/2001 D43396 ULM CLEANER Unled States of America Granted 29/13572 11/12/2001 D43396 UND CLEANER Unled States of America Granted		Country	Status	App. No	Filing Date	Patent No.	Issue Date
LUMA CLEANER United States of America Granted 29/118901 1/12/2000 D439383 NOFA VACUUM United States of America Granted 29/11884 1/12/2000 D439383 NOFA VACUUM United States of America Granted 29/10792 1006/2000 D439345 ON HANDLE United States of America Granted 29/100791 1006/2000 D453244 ON HANDLE United States of America Granted 29/100792 1006/2000 D453244 ON HANDLE United States of America Granted 29/1039315 11/12/2000 D453244 ON HANDLE United States of America Granted 29/103932 1/11/2000 D453243 ON HANDLE United States of America Granted 29/10352 1/11/2000 582748 TATOR United States of America Granted 29/103572 1/11/2001 51/2039 TATOR United States of America Granted 10/11/207 4/872002 6848147 TATOR United States of America Granted 10/11/207		United States of America	Granted	29/116903	1/12/2000	D436425	1/16/2001
NOF A VACUUM United States of America Granted 29/118884 1/12/2000 D440365 MCLEANER United States of America Granted 29/130792 10/6/2000 D440365 MCLEANER United States of America Granted 29/130791 10/6/2000 D453244 OL HANDLE United States of America Granted 29/130791 11/282000 D453244 OL HANDLE United States of America Granted 29/130791 11/282000 D453244 OL HANDLE United States of America Granted 29/130791 11/282001 71/2868 AM CLEANER United States of America Granted 29/135436 1/11/2001 D453895 CARPET United States of America Granted 29/135512 1/12/2001 5510585 CARPET United States of America Granted 29/135512 1/12/2001 24/3228 TATOR United States of America Granted 29/13/3572 1/12/2001 24/3228 NOISE United States of America Granted 29/13/3572	NOZZLE BASE FOR A VACUUM CLEANER	United States of America	Granted	29/116901	1/12/2000	D439383	3/20/2001
MCLEANER United States of America Granted 29/130792 106/2000 D453245 ANDER United States of America Granted 29/130375 106/2000 D453244 OL HANDLE United States of America Granted 29/130375 1108/2000 D453244 OL HANDLE United States of America Granted 29/130375 1178/2000 D453244 ULUM CLEANER United States of America Granted 109/944731 30/12004 30/12004 702288 ULUM CLEANER United States of America Granted 29/135436 1/11/2001 D453595 MCLEANER United States of America Granted 29/135436 1/11/2001 D453595 ALCLEANER United States of America Granted 29/135436 1/11/2001 D453595 TATOR United States of America Granted 29/135436 1/122001 D45028 TH DUAL NOZZLES United States of America Granted 29/13579 1/122001 D4533971 NOISE United States of America Granted	LOWER HANDLE PORTION OF A VACUUM CLEANER	United States of America	Granted	29/116864	1/12/2000	D440365	4/10/2001
NARE United States of America Clarated OL HANDLE 29/130791 106/2000 D433244 OL HANDLE United States of America Granted 29/133315 11/28/2000 D43394 OLUM CLEANER United States of America Granted 109/13315 11/28/2000 5712868 UUM CLEANER United States of America Granted 109/190304 11/12/2001 5712868 UUM CLEANER United States of America Granted 109/190304 1/13/2000 5828748 MCLEANER United States of America Granted 29/135252 1/12/2001 650885 CARPET United States of America Granted 29/13526 1/12/2001 65085 TATOR United States of America Granted 10/17/907 4/8/2002 6848147 TH DUAL NOZZIES United States of America Granted 10/251020 9/30/2002 67/21990 NOISE United States of America Granted 12/30/2003 1/14/216 53/2821 NOISE United States of America Granted 10/2500	DUST CUP FOR A VACUUM CLEANER	United States of America	Granted	29/130792	10/6/2000	D453245	1/29/2002
OH HANDLE United States of America Granted Orante 29/133315 11/28/2000 D433687 DUUM CLEANER United States of America Granted Granted 29/13315 8/31/2001 67/12868 DUUM CLEANER United States of America Granted 09/944731 8/31/2001 67/12868 SUUM CLEANER United States of America Granted 09/9482592 1/13/2000 6282748 WCLEANER United States of America Granted 29/135436 1/11/2001 65/0585 CARPET United States of America Granted 29/135426 1/12/2001 65/0585 CARPET United States of America Granted 29/13572 1/12/2001 65/0585 CARPET United States of America Granted 10/11/3907 4/82/202 6848147 TATOR United States of America Granted 10/11/3907 1/12/2001 65/33871 TH DUAL NOZZES United States of America Granted 12/25/2028 1/1/2/2001 65/33871 NOISE United States of America Granted	CANISTER VACUUM CLEANER	United States of America	Granted	29/130791	10/6/2000	D453244	1/29/2002
LUMN CLEANER United States of America Granted 09944731 861/2004 671/2868 UJUM CLEANER United States of America Granted 09948731 861/2004 671/2804 UJUM CLEANER United States of America Granted 09795024 1/13/2000 625/233 A CLEANER United States of America Granted 29/13/243 1/11/2001 D453/595 CARPET United States of America Granted 29/13/542 1/12/2001 6510/585 TATOR United States of America Granted 19/15/972 4/8/2002 648/147 TH DUAL NOZZLES United States of America Granted 29/13/5726 1/12/2001 653/3871 UNISE United States of America Granted 12/62/2008 1/17/2009 672/929 NOISE United States of America Granted 10/75/9437 1/12/2001 653/821 NOISE United States of America Granted 10/21/3661 9/75/9437 1/12/2001 653/8621 NOISE United States of America Granted <td>CARPET EXTRACTOR TOOL HANDLE</td> <td>United States of America</td> <td>Granted</td> <td>29/133315</td> <td>11/28/2000</td> <td>D453867</td> <td>2/19/2002</td>	CARPET EXTRACTOR TOOL HANDLE	United States of America	Granted	29/133315	11/28/2000	D453867	2/19/2002
LUM/ CLEANER United States of America Granted Granted 10790044 2012004 705523 OCR VACUUM United States of America Granted Granted 29/182592 1/132000 6282748 OCR VACUUM United States of America Granted 29/193436 1/132000 6282748 ACLEANER United States of America Granted 29/193436 1/112001 D453985 TATOR United States of America Granted 29/193512 1/122001 6539871 TH DUAL NOZZLES United States of America Granted 10/261020 9/30/2002 6848147 HDUAL NOZZLES United States of America Granted 29/13079 1/12/2001 6538871 NOISE United States of America Granted 29/13079 1/19/2009 7627929 NOISE United States of America Granted 10/751077 1/12/2001 653861 NOISE United States of America Granted 10/75973 1/12/2001 6532621 S United States of America Granted 10/75973	BAGLESS CANISTER VACUUM CLEANER	United States of America	Granted	09/944731	8/31/2001	6712868	3/30/2004
COR VACUUM United States of America Granted 09482592 11/3/2000 6282748 M CLEANER United States of America Granted 29/135436 1/11/2001 045595 CARPET United States of America Granted 29/135436 1/11/2001 045595 TATOR United States of America Granted 29/13512 1/12/2001 0450228 TH DUAL NOZZLES United States of America Granted 10/17907 4/8/2002 6848147 TH DUAL NOZZLES United States of America Granted 29/130779 10/6/2002 6721990 NOISE United States of America Granted 12/622008 11/19/2009 7827929 NOISE United States of America Granted 10/751077 12/80/2003 71/14216 NOISE United States of America Granted 10/751077 12/80/2003 71/14216 NOISE United States of America Granted 10/751077 12/80/2003 71/14216 NOISE United States of America Granted 10/213861	BAGLESS CANISTER VACUUM CLEANER	United States of America	Granted	10/790304	3/1/2004	7052523	5/30/2006
MCLEANER United States of America Granted Granted Granted Granted United States of America 29/135436 1/1 1/2001 D453595 CARPET United States of America Granted Granted Granted Granted United States of America Granted Gr	BRUSHROLL CHAMBER FOR VACUUM CLEANER	United States of America	Granted	09/482592	1/13/2000	6282748	9/4/2001
CARPET United States of America Granted 09/759722 1/12/2001 65/10585 TATOR United States of America Granted 29/135512 1/12/2001 D480228 TH DUAL NOZZLES United States of America Granted 10/17907 4/8/2002 6848147 TH DUAL NOZZLES United States of America Granted 10/17907 4/8/2002 65721990 JUM CLEANER United States of America Granted 29/130779 10/6/2000 6721990 NOISE United States of America Granted 12/622008 11/19/2009 7627929 NOISE United States of America Granted 10/751077 12/20000 7627929 NOISE United States of America Granted 10/751077 12/20000 7627929 NOISE United States of America Granted 10/751077 11/12/2001 653861 NOISE United States of America Granted 10/751077 11/12/2001 6532821 NOISE United States of America Granted 10/213861 8	DIRT CUP FOR A VACUUM CLEANER	United States of America	Granted	29/135436	1/11/2001	D453595	2/12/2002
CARPET United States of America Granted 29/135512 1/12/2001 D460228 TATOR United States of America Granted 10/11/907 4/8/2002 6848147 TH DUAL NOZZLES United States of America Granted 10/275726 1/12/2001 6533871 TH DUAL NOZZLES United States of America Granted 10/261020 9/30/2002 6721990 NOISE United States of America Granted 29/130779 10/6/2000 D444603 NOISE United States of America Granted 11/252472 9/25/2006 7627929 NOISE United States of America Granted 10/751077 12/30/2003 71/4216 NOISE United States of America Granted 10/759437 1/12/2001 6532821 NOISE United States of America Granted 10/759437 1/12/2001 6532821 SO United States of America Granted 10/759437 1/1/2001 653607 CTRIC CORD REEL United States of America Granted 10/430947	TURBO TOOL	United States of America	Granted	09/759722	1/12/2001	6510585	1/28/2003
TATOR United States of America Granted 10/117907 4/8/2002 6848147 TH DUAL NOZZLES United States of America Granted 09/759726 1/12/2001 6533871 TH DUAL NOZZLES United States of America Granted 10/261020 9/30/2002 6721990 JUM CLEANER United States of America Granted 29/130779 10/6/2000 D444603 NOISE United States of America Granted 11/526472 9/25/2006 7627929 NOISE United States of America Granted 10/751077 1/19/2001 7627929 NOISE United States of America Granted 10/751077 1/12/2001 6532621 NOISE United States of America Granted 10/759437 1/12/2001 6532621 NOISE United States of America Granted 109/758725 1/11/2001 6532621 S United States of America Granted 109/758834 1/11/2001 6536072 CTRIC CORD REL United States of America Granted 109/758834	U-SHAPED HANDLE FOR CARPET EXTRACTOR	United States of America	Granted	29/135512	1/12/2001	D460228	7/9/2002
TH DUAL NOZZLES United States of America Granted 09/759726 1/12/2001 6533871 TH DUAL NOZZLES United States of America Granted 10/261020 9/30/2002 6721990 TH DUAL NOZZLES United States of America Granted 10/261020 9/30/2002 6721990 JUM CLEANER United States of America Granted 12/622008 11/19/2009 D444603 NOISE United States of America Granted 10/751077 9/25/2006 7627929 NOISE United States of America Granted 10/751077 1/12/2001 6532621 NOISE United States of America Granted 10/759437 1/12/2001 6532621 NOISE United States of America Granted 10/213861 8/7/2002 6948211 NOISE United States of America Granted 10/213861 8/7/2002 6948211 SCTRIC CORD REEL United States of America Granted 10/430947 1/11/2001 6536072 DLOCKINGOF United States of America Granted 10	INTERNALLY DRIVEN AGITATOR	United States of America	Granted	10/117907	4/8/2002	6848147	2/1/2005
TH DUAL NOZZLES United States of America Granted 00261020 9/30/2002 6721990 JUM CLEANER United States of America Granted 29/130779 10/6/2000 D444603 NOISE United States of America Allowed 12/622008 11/19/2009 7627929 NOISE United States of America Granted 10/751077 29/25/2006 7627929 NOISE United States of America Granted 10/751077 12/30/2003 7114216 NOISE United States of America Granted 09/759437 1/12/2001 6532621 NOISE United States of America Granted 10/213861 8/7/2002 6948211 NOISE United States of America Granted 10/213861 8/7/2003 6725986 CTRIC CORD REEL United States of America Granted 10/9758725 1/11/2001 6536072 CTRIC CORD REEL United States of America Granted 10/9758734 1/11/2001 6436160 DLOCKING OF MEEL United States of America Granted 10/9	CARPET EXTRACTOR WITH DUAL NOZZLES FOR DUAL BRUSHROLLS	United States of America	Granted	09/759726	1/12/2001	6533871	3/18/2003
JM CLEANER United States of America Granted 29/130779 10/6/2000 D444603 IOISE United States of America Allowed 12/622008 11/19/2009 11/19/2009 IOISE United States of America Granted 10/751077 12/30/2003 7114216 IOISE United States of America Granted 09/759437 1/12/2001 6532621 IOISE United States of America Granted 10/213861 8/7/2002 6948211 IOISE United States of America Granted 10/758725 1/11/2001 6536072 ITRIC CORD REEL United States of America Granted 09/758834 1/11/2001 6536072 ILOCKING OF United States of America Granted 09/758834 1/11/2001 6536160 ILOCKING OF United States of America Granted 09/824603 4/2/2001 6571425	CARPET EXTRACTOR WITH DUAL NOZZLES FOR DUAL BRUSHROLLS	United States of America	Granted	10/261020	9/30/2002	6721990	4/20/2004
JOISE United States of America Allowed 12/622008 11/19/2009 11/19/2009 JOISE United States of America Granted 11/526472 9/25/2006 7627929 JOISE United States of America Granted 10/751077 12/30/2003 7114216 JOISE United States of America Granted 09/759437 1/12/2001 6532621 JOISE United States of America Granted 10/213861 8/7/2002 6948211 PURT CUP United States of America Granted 09/758725 1/11/2001 6536072 TRIC CORD REEL United States of America Granted 10/430947 5/7/2003 6725986 LOCKING OF United States of America Granted 09/758834 1/11/2001 6436160 LOCKING OF United States of America Granted 09/824603 4/2/2001 6571425	TOOL HOLDER FOR VACUUM CLEANER WAND	United States of America	Granted	29/130779	10/6/2000	D444603	7/3/2001
IOISE United States of America Granted 11/526472 9/25/2006 7627929 IOISE United States of America Granted 10/751077 12/30/2003 7114216 IOISE United States of America Granted 09/759437 1/12/2001 6532621 IOISE United States of America Granted 10/213861 8/7/2002 6948211 R DIRT CUP United States of America Granted 09/758725 1/11/2001 6536072 TRIC CORD REEL United States of America Granted 09/758834 1/11/2001 6436160 VACUUM United States of America Granted 09/758834 1/11/2001 6436160 LOCKING OF United States of America Granted 09/824603 4/2/2001 6571425	VACUUM CLEANER WITH NOISE SUPPRESSION FEATURES	United States of America	Allowed	12/622008	11/19/2009		
JOISE United States of America Granted 10/751077 12/30/2003 7114216 JOISE United States of America Granted 09/759437 1/12/2001 6532621 JOISE United States of America Granted 10/213861 8/7/2002 6948211 R DIRT CUP United States of America Granted 09/758725 1/11/2001 6536072 TRIC CORD REEL United States of America Granted 10/430947 5/7/2003 6725986 VACUUM United States of America Granted 09/758834 1/11/2001 6436160 JI COCKING OF United States of America Granted 09/824603 4/2/2001 6571425 JIM CLEANER United States of America Granted 09/824603 4/2/2001 6571425	VACUUM CLEANER WITH NOISE SUPPRESSION FEATURES	United States of America	Granted	11/526472	9/25/2006	7627929	12/8/2009
IOISE United States of America Granted 09/759437 1/12/2001 6532621 IOISE United States of America Granted 10/213861 8/7/2002 6948211 R DIRT CUP United States of America Granted 09/758725 1/11/2001 6536072 TRIC CORD REEL United States of America Granted 10/430947 5/7/2003 6725986 VACUUM United States of America Granted 09/758834 1/11/2001 6436160 I LOCKING OF MERR TO United States of America Granted 09/824603 4/2/2001 6571425 JM CLEANER United States of America Granted 09/824603 4/2/2001 6571425	VACUUM CLEANER WITH NOISE SUPPRESSION FEATURES	United States of America	Granted	10/751077	12/30/2003	7114216	10/3/2006
IOISE United States of America Granted 10/213861 8/7/2002 8948211 R DIRT CUP United States of America Granted 09/758725 1/11/2001 6536072 TRIC CORD REEL United States of America Granted 10/430947 5/7/2003 6725986 VACUUM United States of America Granted 09/758834 1/11/2001 6436160 1 LOCKING OF MEMBER TO JUNCTEANER United States of America Granted 09/824603 4/2/2001 6571425	VACUUM CLEANER WITH NOISE SUPPRESSION FEATURES	United States of America	Granted	09/759437	1/12/2001	6532621	3/18/2003
United States of America Granted 09/758725 1/11/2001 6536072 REEL United States of America Granted 10/430947 5/7/2003 6725986 United States of America Granted 09/758834 1/11/2001 6436160 United States of America Granted 09/824603 4/2/2001 6571425	VACUUM CLEANER WITH NOISE SUPPRESSION FEATURES	United States of America	Granted	10/213861	8/7/2002	6948211	9/27/2005
REEL United States of America Granted 10/430947 5/7/2003 6725986 United States of America Granted 09/758834 1/11/2001 6436160 United States of America Granted 09/824603 4/2/2001 6571425	COMPRESSION LATCH FOR DIRT CUP	United States of America	Granted	09/758725	1/11/2001	6536072	3/25/2003
United States of America Granted 09/758834 1/11/2001 6436160 United States of America Granted 09/824603 4/2/2001 6571425	AUTO-FEED/REWIND ELECTRIC CORD REEL	United States of America	Granted	10/430947	5/7/2003	6725986	4/27/2004
United States of America Granted 09/824603 4/2/2001 6571425	DIRT CUP ASSEMBLY FOR VACUUM CLEANER	United States of America	Granted	09/758834	1/11/2001	6436160	8/20/2002
	METHOD OF LINKAGE AND LOCKING OF CONNECTING COUPLING MEMBER TO NOZZLE BASE OF A VACUUM CLEANER	United States of America	Granted	09/824603	4/2/2001	6571425	6/3/2003

THILE U-SHAPED HANDLE FOR A VACUUM U-SHAPED HANDLE FOR A VACUUM ALEANER AIRFLOW SHUT-OFF MECHANISM FOR VACUUM CLEANER FLOW CUT-OFF AND BRUSHROLL SHUT-OFF FLOW CUT-OFF AND BRUSHROLL SHUT-OFF INTEGRANISM FOR VACUUM CLEANER NOZZLE BASE FOR VACUUM CLEANER NOZZLE BASE FOR VACUUM CLEANER U-Nited States of America BASE OF HAND-HELD VACUUM CLEANER U-Nited States of America U-ST CUP FOR HAND-HELD VACUUM CLEANER U-Nited States of America DIRT CUP FOR HAND-HELD VACUUM CLEANER U-Nited States of America U-ST CUP FOR HAND-HELD VACUUM CLEANER U-Nited States of America U-ST CUP FOR A VACUUM CLEANER U-Nited States of America U-ST CUP FOR CARPET EXTRACTOR U-Nited States of America U-ST CUP FOR CARPET EXTRACTOR U-Nited States of America U-ST CUP FOR CARPET EXTRACTOR U-Nited States of America U-ST CUP FOR CARPET EXTRACTOR U-Nited States of America U-ST CUP FOR VACUUM CLEANER U-Nited States of America U-ST CUP FOR VACUUM CLEANER U-Nited States of America EXTRACTOR RECOVERY TANK FOR CARPET EXTRACTOR U-Nited States of America EXTRACTOR U-ST CUP FOR VACUUM CLEANER U-Nited States of America U-ST CUP FOR VACUUM CLEANER U-Nited States of America U-ST CUP FOR VACUUM CLEANER U-Nited States of America U-ST CUP FOR VACUUM CLEANER U-Nited States of America U-ST CUP FOR VACUUM CLEANER U-Nited States of America U-ST CUP FOR VACUUM CLEANER U-Nited States of America U-ST CUP FOR VACUUM CLEANER U-Nited States of America U-Nited States							
	Title	Country	Status	App. No	Filing Date	Patent No.	Issue Date
	U-SHAPED HANDLE FOR A VACUUM CLEANER	United States of America	Granted	29/135384	1/11/2001	D453596	2/12/2002
	AIRFLOW SHUT-OFF MECHANISM FOR VACUUM CLEANER	United States of America	Granted	09/907077	7/17/2001	6523222	2/25/2003
	FLOW CUT-OFF AND BRUSHROLL SHUT-OF		Granted	09/759409	1/12/2001	6510584	1/28/2003
	NOZZLE BASE FOR VACUUM CLEANER	United States of America	Granted	29/135503	1/12/2001	D463080	9/17/2002
	HEAD OF HAND-HELD VACUUM CLEANER	United States of America	Granted	29/135549	1/12/2001	D456102	4/23/2002
	BASE OF HAND-HELD VACUUM CLEANER	United States of America	Granted	29/135500	1/12/2001	D453868	2/19/2002
	DUST CUP FOR HAND-HELD VACUUM	United States of America	Granted	29/135501	1/12/2001	D456963	5/7/2002
	DIRT CUP LID FOR A VACUUM CLEANER	United States of America	Granted	29/135440	1/11/2001	D453403	2/5/2002
	MIXING PUMP FOR CARPET EXTRACTOR	United States of America	Granted	10/355357	1/31/2003	6836928	1/4/2005
	MIXING PUMP FOR CARPET EXTRACTOR	United States of America	Granted	09/759827	1/12/2001	6513188	2/4/2003
	TANK MOUNTING OF CARPET EXTRACTOR	United States of America	Granted	09/760029	1/12/2001	6536071	3/25/2003
	BASE UNIT FOR CARPET EXTRACTOR	United States of America	Granted	29/135513	1/12/2001	D472353	3/25/2003
	UPPER HANDLE PORTION FOR CARPET EXTRACTOR	United States of America	Granted	29/135550	1/12/2001	D453597	2/12/2002
	UPPER HANDLE FOR A VACUUM CLEANER	United States of America	Granted	29/135497	1/11/2001	D453404	2/5/2002
	CLEAN WATER TANK FOR A CARPET EXTRACTOR	United States of America	Granted	29/135551	1/12/2001	D460229	7/9/2002
	RECOVERY TANK FOR CARPET EXTRACTO		Granted	29/135502	1/12/2001	D470982	2/25/2003
	FLOOR NOZZLE FOR VACUUM CLEANER	United States of America	Granted	10/068389	2/6/2002	6772477	8/10/2004
	STICK VACUUM WITH DIRT CUP	United States of America	Granted	10/044060	1/11/2002	6775882	8/17/2004
	HOSE CLEANOUT FOR VACUUM CLEANER	United States of America	Granted	10/044469	1/11/2002	6725499	4/27/2004
	NOZZLE FOR VACUUM CLEANER	United States of America	Granted	29/153713	1/11/2002	D477446	7/15/2003
	DUST CUP FOR VACUUM CLEANER	United States of America	Granted	29/153799	1/11/2002	D475491	6/3/2003
	HOUSING FOR A STICK-TYPE VACUUM CLEANER	United States of America	Granted	29/153709	1/11/2002	D475822	6/10/2003
	PORTION OF VACUUM CLEANER HOUSING	United States of America	Granted	29/153798	1/11/2002	D487946	3/30/2004
	PORTION OF VACUUM CLEANER HOUSING	United States of America	Granted	29/180039	4/17/2003	D496508	9/21/2004
	METHOD AND APPARATUS FOR DEFEATIN A PREDICTIVE TELEMARKING SYSTEM		Granted	08/877982	6/18/1997	5920623	7/6/1999
	BAGLESS STICK TYPE VACUUM CLEANER	United States of America	Granted	11/356571	2/17/2006	7507269	3/24/2009
	ROBOTIC VACUUM WITH REMOVABLE PORTABLE VACUUM AND SEMI-AUTOMATE ENVIRONMENT MAPPING		Granted	10/423588	4/25/2003	7113847	9/26/2006
	GRILL CONSTRUCTION FOR VACUUM CLEANER	United States of America	Granted	29/166120	8/22/2002	D480849	10/14/2003
FRONT HANDLE FOR VACUUM CLEANER United States of America		I haiford Otaton of Amorina	Granted	29/166146	8/22/2002	D480851	10/14/2003

50001	D541399	9/8/2005	29/237958	Granted	United States of America	FILTER ASSEMBLY
		3/21/2008	12/067685	Published	United States of America	VACUUM CLEANER WITH ULTRAVIOLET LIGHT SOURCE AND OZONE
						LIGHT SOURCE AND OZONE
5/12/2009	7530140	9/23/2005	11/234534	Granted	United States of America	VACUUM CLEANER WITH ULTRAVIOLET
5/2/2006	D520127	1/14/2005	29/221442	Granted	United States of America	FILTER ASSEMBLY
8/25/2009	7578025	5/16/2006	11/434980	Granted	United States of America	ATTACHMENT
7/12/2005	D507389	4/13/2004	29/203305	Granted	United States of America	BASE FOR VACUUM CLEANER
10/20/2009	/603/44	9/21/2004	10/946219	Granted	United States of America	JOYSTICK SENSOR AND ASSOCIATED METHODS OF OPERATION
11/17/2009	7617557	10/18/2004	10/967551	Granted	United States of America	POWERED CLEANING APPLIANCE
1/4/2011	7861352	7/16/2008	12/174283	Granted	United States of America	POWERED CLEANING APPLIANCE
		8/13/2010	12/856238	Allowed	United States of America	POWERED CLEANING APPLIANCE
11/13/2007	7293322	10/9/2003	10/681965	Granted	United States of America	CLEANING ATTACHMENT FOR VACUUM CLEANER
		0.00				CONTROLLING A VACUUM CLEANER
7/3/2007	7237298	9/19/2003	10/665709	Granted	United States of America	SENSORS AND ASSOCIATED METHODS FOR
9/16/2008	7424766	8/23/2005	11/209992	Granted	United States of America	SENSORS AND ASSOCIATED METHODS FOR
10/6/2009	7599758	12/5/2005	11/294591	Granted	United States of America	SENSORS AND ASSOCIATED METHODS FOR CONTROLLING A VACUUM CLEANER
9/21/2010	7797792	1/5/2005	11/029786	Granted	United States of America	HARD FLOOR CLEANER
8/14/2007	7254864	7/1/2004	10/883147	Granted	United States of America	HARD FLOOR CLEANER
12/23/2003	D484287	1/10/2003	29/174050	Granted	United States of America	SUCTION NOZZLE
4/6/2004	D488273	1/10/2003	29/174062	Granted	United States of America	VACUUM CLEANER HOUSING
5/8/2007	/213298	6/22/2006	11/4/3293	Granted	United States of America	ADJUSTMENT MECHANISM THEREFOR
5/29/2007	122230	7/9/2003	10/339191	Granted	United States of America	CLUTCHLESS SELF-PROPELLED VACCOM CLEANER AND NOZZLE HEIGHT ADJUSTMENT MECHANISM THEREFOR
2/21/2006	7000285	1/9/2003	10/339097	Granted		CONTROL CIRCUITRY FOR ENABLING DRIVE SYSTEM FOR VACUUM CLEANER
7/18/2006	7076830	1/9/2003	10/339122	Granted	United States of America	ELECTRONICALLY COMMUTATED DRIVE SYSTEM FOR VACUUM CLEANER
5/16/2006	7043794	1/9/2003	10/339749	Granted	United States of America	SELF-PROPELLED VACUUM CLEANER WITH A NEUTRAL RETURN SPRING
8/10/2004	D494329	8/16/2002	29/165798	Granted	United States of America	CONICALLY SHAPED FILTER
12/2/2003	D483163	9/4/2002	29/166752	Granted	United States of America	CONNECTOR FOR NOZZLE BASE
Issue Date	Patent No.	Filing Date	App. No	Status	Country	Title

Title	Country	Status	App. No	Filing Date	Patent No.	Issue Date
GRILL FOR A VACUUM CLEANER	United States of America	Granted	29/237959	9/8/2005	D555306	11/13/2007
FILTER	United States of America	Granted	29/221441	1/14/2005	D521137	5/16/2006
DUAL STAGE CYCLONE VACUUM CLEANER	United States of America	Published	12/097225	9/16/2008		
SINGLE STAGE CYCLONE VACUUM	United States of America	Granted	11/436798	5/18/2006	7632324	12/15/2009
CLEANER						
VACUUM CLEANER UNIT	United States of America	Granted	29/261040	6/6/2006	D550410	9/4/2007
VACUUM CLEANER BASE	United States of America	Granted	29/261039	6/6/2006	D550412	9/4/2007
SEPARATELY OPENING DUST CONTAINERS	United States of America	Granted	11/607362	12/1/2006	7604675	10/20/2009
HANDLE FOR A STICK VACUUM CLEANER	United States of America	Granted	29/289727	7/30/2007	D568015	4/29/2008
BASE FOR A STICK VACUUM CLEANER	United States of America	Granted	29/289721	7/30/2007	D568016	4/29/2008
HAND HELD VACUUM BODY	United States of America	Granted	29/291504	8/31/2007	D575013	8/12/2008
PORTABLE CLEANING DEVICE FOR A	United States of America	Granted	09/062555	4/20/1998	6094773	8/1/2000
EDOE OF EVALUE EOD WASHING EVALED	Inited States of America	O rost	00/750838	1/10/00/1	664 4366	2/4/2002
VACILIM OF EANIED BASE ASSEMBLY	United States of America	Crantod	00/758738	1/11/2001	6406644	6/18/2002
מאס מייי מיייי איייי אייייי אייייייייייי	Office Office of Militarion	Cignica	001.001.00	1/11/2001	0100011	0,10,2002
CONDUIT FOR A VACUUM CLEANER	United States of America	Granted	08/488794	6/8/1995	5781961	7/21/1998
PAPER SHREDDER	United States of America	Granted	29/328175	11/20/2008	D602983	10/27/2009
PAPER SHREDDER	United States of America	Granted	29/328173	11/20/2008	D614690	4/27/2010
PAPER SHREDDER	United States of America	Granted	29/328171	11/20/2008	D602982	10/27/2009
PAPER SHREDDER	United States of America	Granted	29/328170	11/20/2008	D616490	5/25/2010
PAPER SHREDDER	United States of America	Granted	29/328174	11/20/2008	D618275	6/22/2010

5/31/2000 5/31/2000 5/31/2000 5/31/2000 10/23/2007 10/23/2007 1/21/2009 1/21/2009 8/28/2008 3/22/2010 3/12/2010 11/14/2007 11/14/2007 2/3/2010	89617 89616 89607 117975 117974 117974 124477 123868 123882 5.489 5.516 5.417 21,200380110132,X 21,200480006306,2	1/8/2008 1/2/19/2007 12/19/2007 12/19/2007 6/17/2008 1/25/2008 1/25/2008 2/22/2008 7/21/2010 9/8/2005 9/8/2005	2035-2006 0535-2008 200880125310.9 200380110132.X 200480006306.2 200480006306.2	Pending Granted Granted	China (People's Republic) China (People's Republic) China (People's Republic) China (People's Republic)		104493
5/31/2000 5/31/2000 5/31/2000 5/31/2000 5/31/2000 10/23/2007 10/23/2007 1/21/2009 1/21/2009 8/28/2008 8/28/2010 3/25/2010 2/18/2010	89617 89616 89607 117975 117974 1124477 123868 123868 123882 5.489 5.516 5.417 ZL200380110132.X	1/8/2008 12/19/2007 12/19/2007 12/19/2007 6/17/2008 1/25/2008 1/25/2008 2/22/2008 2/22/2008 9/8/2005	0535-2006 0535-2008 200880125310.9 200380110132.X	Pending Granted	China (People's Republic) China (People's Republic)		
5/31/2000 5/31/2000 5/31/2000 5/31/2000 5/31/2000 10/23/2007 10/23/2007 1/21/2009 1/21/2009 8/28/2008 3/22/2010 3/25/2010 2/18/2010	89617 89616 89607 117975 117974 124477 123868 123868 123882 5.489 5.516 5.417	1/8/2008 12/19/2007 12/19/2007 12/19/2007 6/17/2008 1/25/2008 1/25/2008 2/22/2008 7/21/2010	203-2006 0535-2008 200880125310.9	Pending	China (People's Republic)		
5/31/2000 5/31/2000 5/31/2000 5/31/2000 5/31/2000 10/23/2007 10/23/2007 1/21/2009 1/21/2009 8/28/2008 3/25/2010 3/25/2010 2/18/2010	89617 89616 89607 117975 117974 117974 124477 123868 123868 123882 5.516 5.516	1/8/2008 1/2/19/2007 12/19/2007 12/19/2007 6/17/2008 1/25/2008 1/25/2008 2/22/2008	0535-2008	Granteu	Chile		
5/31/2000 5/31/2000 5/31/2000 5/31/2000 5/31/2000 10/23/2007 10/23/2007 1/21/2009 1/21/2009 8/28/2008	89617 89616 89607 117975 117974 124477 123868 123868 123882 5.489 5.516	1/8/2008 12/19/2007 12/19/2007 12/19/2007 6/17/2008 1/25/2008	203-2006)	2		104319
5/31/2000 5/31/2000 5/31/2000 5/31/2000 5/31/2000 10/23/2007 10/23/2007 1/21/2009 1/21/2009 8/28/2008	89617 89616 89607 117975 117974 124477 123868 123868 123882	1/8/2008 12/19/2007 12/19/2007 12/19/2007 6/17/2008 1/25/2008	202 2000	Granted	Chile	BASE FOR A STICK VACUUM CLEANER	104409
5/31/2000 5/31/2000 5/31/2000 5/31/2000 5/31/2000 10/23/2007 10/23/2007 1/21/2009 1/21/2009 8/28/2008	89617 89616 89607 117975 117974 124477 123868 123882	1/8/2008 12/19/2007 12/19/2007 12/19/2008	204-2008	Granted	Chile	HANDLE FOR A STICK VACUUM CLEANER	104295
5/31/2000 5/31/2000 5/31/2000 5/31/2000 5/31/2000 10/23/2007 10/23/2007 1/21/2009 1/21/2009 8/28/2008	89617 89616 89607 117975 117974 124477 123868 123882	1/8/2008 12/19/2007 12/19/2007	1789-2008	Pending	Chile	ELECTRIC BROOM	104389
5/31/2000 5/31/2000 5/31/2000 5/31/2000 5/31/2000 10/23/2007 10/23/2007 1/21/2009	89617 89616 89607 117975 117974 124477 123868	1/8/2008	123882	Granted	Canada	HAND HELD VACUUM BODY	104299
5/31/2000 5/31/2000 5/31/2000 5/31/2000 5/31/2000 10/23/2007 10/23/2007 1/21/2009	89617 89616 89616 89607 117975 117974 124477	1/8/2008	123868	Granted	Canada	BASE FOR A STICK VACUUM CLEANER	104400
5/31/2000 5/31/2000 5/31/2000 5/31/2000 5/31/2000 10/23/2007	89617 89616 89607 117975 117974	10,04,000	124477	Granted	Canada	HANDLE FOR A STICK VACUUM CLEANER	104288
5/31/2000 5/31/2000 5/31/2000 5/31/2000 10/23/2007	89617 89616 89607 117975	10/24/2006	117974	Granted	Canada	VACUUM CLEANER BASE	104279
5/31/2000 5/31/2000 5/31/2000 5/31/2000	89617 89616 89607	10/24/2006	117975	Granted	Canada	VACUUM CLEANER UNIT	104277
5/31/2000 5/31/2000 5/31/2000	89617 89616	5/26/1999	1999-1290	Granted	Canada	TANK FOR CARPET SHAMPOOER	104933
5/31/2000	89617	5/26/1999	1999-1289	Granted	Canada	VACUUM CLEANER DUST CUP	104929
5/31/2000	000	5/26/1999	1999-1292	Granted	Canada		104925
	89610	5/26/1999	1999-1294	Granted	Canada		
5/31/2000	89609	5/26/1999	1999-1293	Granted	Canada	EXTRACTOR EXTRACTOR	104921
3/16/2001	91753	5/26/1999	1999-1299	Granted	Canada	TOP PORTION AND TOOL HANDLE	104519
5/31/2000	89611	5/26/1999	1999-1295	Granted	Canada		104513
5/31/2000	89612	5/26/1999	1999-1296	Granted	Canada		104510
3/16/2001	91751	5/26/1999	1999-1297	Granted	Canada	NOZZLE BASE FOR A VACUUM CLEANER	104485
3/16/2001	91752	5/26/1999	1999/1298	Granted	Canada	TOOL CADDY FOR A VACUUM CLEANER	104482
5/9/2006	2355226	12/17/1999	2355226	Granted	Canada	CYCLONIC AIRFLOW	104790
7/17/2009	126433	6/16/2008	126433	Granted	Canada		104371
10/28/2009	125732	4/23/2008	125732	Granted	Canada		
10/28/2008	DI6800540-7	1/29/2008	DI6800540-7	Granted	Brazil		104301
9/2/2008	DI6800541-5	1/29/2008	DI6800541-5	Granted	Brazil		104291
8/19/2008	DI6800635-7	1/29/2008	DI6800635-7	Granted	Brazil	BASE FOR A STICK VACUUM CLEANER	104405
8/19/2008	DI6800636-5	1/29/2008	DI6800636-5	Granted	Brazil	HANDLE FOR A STICK VACUUM CLEANER	104292
2/10/2009	DI6802592-0	6/17/2008	DI6802592-0	Granted	Brazil	ELECTRIC BROOM	104376
3/12/2004 L:	31368-01/11	6/1/1999	75810-01/11	Granted	Benelux	EXTRACTOR PARTS	105232
	29813-00	3/20/1998	74288-00	Granted	Benelux		104467
	319229	1/4/2008	10056/2008	Granted	Australia		104300
5/14/2008	319228	1/4/2008	10055/2008	Granted	Australia		104402
5/14/2008 \T	319227	1/4/2008	10054/2008	Granted	Australia	HANDLE FOR A STICK VACUUM CLEANER	104290
10/3/2008 H	321384	6/13/2008	12839/2008	Granted	Australia		104373
8/12/2008 	320729	4/24/2008	11930/2008	Granted	Australia		104113
1/7/2010 T	2006227345	9/11/2007	2006227345	Granted	Australia	TWIN CYCLONE VACUUM CLEANER	103865
2/28/2008	77624	2/28/2008	77624	Granted	Argentina	HAND HELD VACUUM BODY	104318
1/30/2008	77507	1/30/2008	077507	Granted	Argentina	BASE FOR A STICK VACUUM CLEANER	104401
1/30/2008	77506	1/30/2008	77506	Granted	Argentina	HANDLE FOR A STICK VACUUM CLEANER	104289
	78085	6/17/2008	78085	Granted	Argentina	ELECTRIC BROOM	104372
Issue Date Inventors Abstract ImagePath	Patent No.	Filing Date	App. No	Status	Country	Title	appID

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Title CALONET VACIUM CLEAMER Country Status App. No. Fining Deep Part No. Calon Calo	Status App. No		5/4/2005	1139843	12/17/1999	99967398.1	Validated	European Patent Convention	UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	
TRING COLLORE VACUUM CLEAVER China (People's Requible)	Status		5/10/2006	0928594	3/17/1998	98104806.9	Validated	European Patent Convention	UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	
Trible COULDING ULCLANICER Colting Feoglabics	Status App. No		8/20/2008	1661501	3/17/1998	06000399.3	Validated	European Patent Convention	UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	
PRIME COLUMN CALCAMER Chima (Propube Republic) Published 20080000853 4 0102007 20080001957 20080001957 200800001957 20080001957 2008000001957 2008000001957 2008000001957 2008000001957 2008000001957 2008000001957 20080000001957 20080000001957 20080000001957 200800000001957 2008000000000000000000000000000000000	Status App. No. Filing Date Patent No. Issue Date Inventors Abstract Imagel Published 200660006561.4 1075/2007 20066002010.4 1214/2009 1216/2009 1				10/26/2004	04025459.1	Published	European Patent Convention	UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	
Tritle COCUNIC VACUUM CLEAVER China (Feople's Republic) Published 20080000651.4 2012007 20070005799.X 2192009 2007005799.X 2192009 20070005799.X 2192009 2	Status				10/1/2010	10013164.8	Pending	European Patent Convention	UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	
Tritle COLUNIE VACUUM CLEAVER China (People's Republic) Pullsiened 200900095514 20120077 2019005799.X 201900959 20190095 20190095 20190095 20190095 20190095 2019000095 2019000095 2019000095 2019000095 2019000095 2019000095 2019000095 2019000095 2019000095 2019000095 2019000095 2019000095 2019000095 2019000095 20190000095 20190000095 201900000000000000000000000000000000000	Status				4/16/2010	10004089.8	Published	European Patent Convention	HIGH PRESSURE EXTRACTOR	
Tritle Tritle Country Countr	Status				7/19/2007	05855424.7	Published	European Patent Convention	STEERABLE UPRIGHT VACUUM CLEANER	
TRINE	Status App. No				6/21/2010	10006434.4	Published	European Patent Convention	SUCTION WET JET MOP	
Tritle Country Count	Status App. No		6/23/2010	1603446	1/8/2004	04700897.4	Granted	European Patent Convention	SUCTION WET JET MOP	
Title	Status App. No		1/16/2008	1592333	12/10/2003	03796866.6	Validated	European Patent Convention	VACUUM CLEANER WITH CLEANING PAD	
Tritle Country Count	Status App. No		9/10/2008	1222891	1/11/2002	02000226.7	Validated	European Patent Convention	HAND-HELD VACUUM CLEANER WITH A DETACHABLE HEAD	
Tritle Country Country Status App. No	Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imagel Published 200680008553.8 10/5/2007 200880008553.4 10/5/2007 200880008553.4 10/5/2007 2008800005561.4 2008800005561.4 2008800005561.4 2008800004763.4 12/14/2009 2008800004763.4 12/14/2009 2008800004763.4 12/14/2009 2008800004763.4 12/14/2009 200880000470.4 2008800004763.4 1/11/2001 21/18/2009 200880000470.4 200880001004.X 1/11/2001 21/18/2009 4/28/2010 20088000470.4 4/4/2005 21/200830130104.X 4/28/2010 4/28/2010 20088000470.4 4/4/2005 21/200830199.X 4/28/2010 4/28/2010 20088000470.1 9/12/2008 20088000470.1 9/12/2008 20088000470.1 9/12/2008 20088000470.1 9/12/2008 20088000470.1 9/12/2008 20088000470.1 9/12/2008 20088000470.1 9/12/2008 20088000470.1 9/12/2008 20088000470.1 9/12/2008 20088000470.1 9/12/2008 20088000470.1 9/12/2008 20088000470.1 9/12/2008				5/20/2010	08841552.6	Published	European Patent Convention	PRESSURIZED FLUID DISPENSER	
TRIB TRIB COUNTY VACUUM CLEANER Claim (People's Republic) Published 200800005651 it 102007	Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imagel Published 200680008651.4 8/21/2007 10/8/2007 10/8/2009 10/8/2		4/10/2008	000853072-0001	1/4/2008	000853072-0001	Granted	European Community	HAND-HELD VACUUM BODY	
TRIB COULINY CUCLONE VACUUM CLEANER China (Poople's Republic) Published 200880006551.4 12142009	Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imagel Published 200680026561.4 10/8/2007 200880026561.4 10/8/2009 200880026561.4 200880026561.4 200880026561.4 2008800267.5 2008800027.5 2008800027.5 2008800027.5 2008800027.5 2008800027.5 2008800027.5 2008800027.5 2008800027.5 2008800027.5 2008800027.5 2008800027.5		4/10/2008	000853072-0003	1/4/2008	000853072-0003	Granted	European Community	BASE FOR A STICK VACUUM CLEANER	
Title	Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imaget Published 200680006558.4 10/5/2007 Published 2006800205561.4 12/14/2009 Imaget		4/10/2008	000853072-0002	1/4/2008	000853072-0002	Granted	European Community	HANDLE FOR A STICK VACUUM CLEANER	
TRIB COUNTTY COUNTTY COUNTTY COUNTY COUNTY PRINTS Republic) Published 20060000553.8 FILING Date Patent No. Essue Date Inventors Abstract Imagen 7 HIGH PRESSURE EXTRACTOR China (People's Republic) Published 200600005551.4 8/21/2007 10/52007 4/52007 4/52007 4/52007	Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imaget Published 200680008653.8 10/5/2007 Patent No. Issue Date Inventors Abstract Imaget Published 2006800205561.4 8/21/2007 20080020475.X 20080020475.X 20080020475.X 20080020475.X 21/16/2009 20080020475.X 20080020475.X 21/16/2009 20080020475.X 20080003799.X 4/28/2008 4/28/2010 2008000470.1 20080003799.X 4/28/2010 2008000470.1 20080003799.X 20080003799.X 4/28/2008 20080003799.X 4/28/2008 20080003799.X 4/28/2008 20080003799.X 4/28/2008 20080003799.X 4/28/2008 20080003799.X 4/28/2009 20080003799.X 20080003799.X 20080003799.X 20080003799.X		9/11/2008	000951496-0001	6/16/2008	000951496	Granted	European Community	ELECTRIC BROOM	
Title Country China (People's Republic) Published 2008000355.3 105/2007 10	Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imaget Published 200680008653.8 10/5/2007 2008800205661.4 8/21/2007 2008800205661.4 8/21/2007 20088002047		7/4/2008	000923453-0001	4/24/2008	000923453	Granted	European Community	PORTABLE CLEANING DEVICE	
Title	Status App. No Filling Date Patent No. Issue Date Inventors Abstract Imagel Published 200680008653.8 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2009 10/5/		5/27/2009	ZL200830003159.4	1/30/2008	200830003159.4	Granted	China (People's Republic)	HAND-HELD VACUUM BODY	
TITUB COUNTRY COUNTRY Status App. No Filling Date Pather No. Issue Date Inventors Abstract Imaget 1 VINICACIONE VACUUM CLEANER China (People's Republic) Published 2006800005581.4 521/2007 </th <th>Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imagel Published 200680008653.8 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2009 10/5/2</th> <th></th> <td></td> <td></td> <td>1/30/2008</td> <td>200830003160.7</td> <td>Pending</td> <td>China (People's Republic)</td> <td>BASE FOR A STICK VACUUM CLEANER</td> <td></td>	Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imagel Published 200680008653.8 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2009 10/5/2				1/30/2008	200830003160.7	Pending	China (People's Republic)	BASE FOR A STICK VACUUM CLEANER	
THE COUNTY COUN	Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imagel Published 200680008653.8 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2009 10/5/2		4/21/2010	ZL200830003160.7	1/30/2008	200830003160.7	Granted	China (People's Republic)	HANDLE FOR A STICK VACUUM CLEANER	
TITILE Country Country Status App. No Filing Date Patent No. Issue Date Inventors Abstract Image! 7 HIGH PRESSURE EXTRACTOR China (People's Republic) China (People's Republic) Published 200880008561.4 8/21/2007 8/21/2007 9/21/2008 9/21/2008 9/21/2009	Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imagel Published 200680008653.8 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2009 10/5/2008 10/5/2008 10/5/2008 10/5/2008 10/5/2008 10/5/2008 10/5/2008 10/5/2008 10/5/2008 10/5/2008 10/5/2008 10/5/2008 10/5/2008 10/5/2008 10/5/2008 10/5/2008 10/5/2				9/19/2008	200780009803.1	Published	China (People's Republic)	SEPARATELY OPENING DUST CONTAINERS	
Title Country China (People's Republic) Published 200680002651.4 2714/2009 272CONIC UTILITY VACUUM CLEANER WITH CYCLONIC China (People's Republic) Published 200510063799.X 4/4/2005 ZL200510063799.X 4/28/2010 2/28/2010	Country Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imagel China (People's Republic) Published 200680008653.8 10/5/2007 10/5/2007 Imagel Imag				9/12/2008	200780009107.0	Published	China (People's Republic)	SINGLE STAGE CYCLONE VACUUM CLEANER	
Title Title Country Exatus App. No Filing Date Patent No. Issue Date Inventors Abstract Image! TVINIC VCLONE VACUUM CLEANER China (People's Republic) Published 200680008653.8 10/5/2007 80/1/2009 80/1/200	Country Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imagel China (People's Republic) Published 20068003651.4 617/2007 8/21/2007 9 <td< th=""><th>-RE</th><td></td><td></td><td>9/7/2007</td><td>200680004700.1</td><td>Allowed</td><td>China (People's Republic)</td><td>VACUUM CLEANER WITH CYCLONIC SEPARATING DIRT CUP AND DIRT CUP DOOR</td><td></td></td<>	-RE			9/7/2007	200680004700.1	Allowed	China (People's Republic)	VACUUM CLEANER WITH CYCLONIC SEPARATING DIRT CUP AND DIRT CUP DOOR	
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Title Country Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imagel TWIN CYCLONE VACUUM CLEANER China (People's Republic) Published 200680008653.8 10/5/2007 10/5/2009 10/5/2007 10/5/2009 10/5/2009 10/5/2009 10/5/2009 10/5/2009 10/5/2009 10/5/2009 10/5/2009 10/5/2009 10/5/2009 10/5/	Country Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imagel China (People's Republic) Published 200680008653.8 10/5/2007 40/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2007 10/5/2009	N	12/16/2009	ZL200830130104.X	6/17/2008	200830130104.X	Granted	China (People's Republic)	ELECTRIC BROOM	
Title Country Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imagel TWIN CYCLONE VACUUM CLEANER China (People's Republic) Published 200680008653.8 10/5/2007 10/5/	Country Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imagel EANER China (People's Republic) Published 200680008653.8 10/5/2007 9	T RAN			12/16/2009	200880020475.X	Published	China (People's Republic)	DUAL STAGE CYCLONIC VACUUM CLEANER	
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Title Country Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imagel	Status App. No Filing Date Patent No. Issue Date Inventors Abstract Imagel	0			10/5/2007	200680008653.8	Published	China (People's Republic)	TWIN CYCLONE VACUUM CLEANER	104136
	30	Imagel	Issue Date	Patent No.	Filing Date	App. No	Status	Country	Title	

						01011100	Comment		L
		1/27/1999	M9805880 0	6/17/1998	M9805880 0	Granted	Germany	VACILIM CLEANER LIDDER DORTION	104468
		8/20/2008	69839929.3	3/17/1998	06000399.3	Granted	Germany	UPRIGHT VACUUM CLEANER WITH	104828
		5/4/2005	69925157.5	12/17/1999	99967398.1	Granted	Germany	UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	104821
		5/10/2006	69834473.1	3/17/1998	98104806.9	Granted	Germany	CYCLONIC AIRFLOW	104796
				11/13/2009	112008001294.6	Published	Germany	CYCLONIC UTILITY VACUUM	
		6/23/2010	602004027795.9	1/8/2004	04700897.4	Granted	Germany	SUCTION WET JET MOP	108117
		9/10/2008	60228776.6-08	1/11/2002	02000226.7	Granted	Germany	HAND-HELD VACUUM CLEANER WITH A DETACHABLE HEAD	104773
		5/26/1999	993333	5/26/1999	993333	Granted	France	VACUUM CLEANER AND CARPET EXTRACTOR PARTS	105233
		8/20/2008	1661501	3/17/1998	06000399.3	Granted	France	CYCLONIC AIRFLOW	104834
		6/23/2010	1603446	1/8/2004	04700897.4	Granted	France	SUCTION WET JET MOP	
				12/12/2008	07794953.5	Published	European Patent Convention	SINGLE STAGE CYCLONE VACUUM CLEANER	104207
				2/20/2007	07751183.0	Published	European Patent Convention	BATTERY POWERED CLEANING ATTACHMENT	
				4/4/2005	05007299.0	Published	European Patent Convention	ROBOTIC APPLIANCE WITH ON-BOARD JOYSTICK SENSOR AND ASSOCIATED METHODS OF OPERATION	104143
				4/4/2005	05007300.6	Published	European Patent Convention	POWERED CLEANING APPLIANCE	103868
		9/17/2008	1360922	5/7/2003	03010312.1	Validated	European Patent Convention	ROBOTIC VACUUM WITH REMOVABLE PORTABLE VACUUM AND SEMI-AUTOMATED ENVIRONMENT MAPPING	104742
		3/14/2007	1230889	1/11/2002	02000225.9	Validated	European Patent Convention	TANK MOUNTING OF CARPET EXTRACTOR	104736
		11/14/2007	1222956	1/14/2002	02000248.1	Validated	European Patent Convention	MIXING PUMP FOR CARPET EXTRACTOR	104728
		12/12/2007	1502342	5/7/2003	03750075.8	Validated	European Patent Convention	AUTO-FEED/REWIND ELECTRIC CORD REEL	104706
— F		12/1/2004	1234536	1/14/2002	02000247.3	Validated	European Patent Convention	CARPET EXTRACTOR WITH DUAL NOZZLES FOR DUAL BRUSHROLLS	104697
REEL		9/2/2009	1352603	4/8/2003	03008173.1	Validated	European Patent Convention	VACUUM CLEANER WITH A NOZZLE COMPRISING AN INTERNALLY DRIVEN AGITATOR	104751
: (12/28/2005	1315442	8/31/2001	01968337.4	Validated	European Patent Convention	BAGLESS CANISTER VACUUM CLEANER	104782
F 032		8/10/2005	1248551	1/11/2001	01902024.7	Validated	European Patent Convention	UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW PATHWAY	104949
PA1		12/10/2003	1220633	9/18/2000	00982607.4	Validated	European Patent Convention	IMPELLER AND HOUSING ASSEMBLY WITH REDUCED NOISE AND IMPROVED AIRFLOW	104940
EN 5 FF		10/6/2004	1018314	12/28/1999	99125987.0	Validated	European Patent Convention	COMBINATION DIRTY FLUID TANK AND NOZZLE FOR A CARPET EXTRACTOR	104899
IT RA		11/3/2004	1018315	12/28/1999	99125988.8	Validated	European Patent Convention	CARPET EXTRACTOR HOUSING	
MI		5/25/2005	1020158	12/28/1999	99125989.6	Validated	European Patent Convention	VALVE ASSEMBLY FOR CARPET EXTRACTOR European Patent Convention	104844
=: (3/24/2010	1052924	//18/2000	98952175.2	Granted	European Patent Convention	CYCLONIC AIRFLOW	
ImagePath 6	Inventors Abstract	(D	Patent No.	Filing Date	App. No	Status		Title	
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appID	Title	Country	Status	App. No	Filing Date	Patent No.	Issue Date	Inventors	Abstract In	nagePath ແ
104941	IMPELLER AND HOUSING ASSEMBLY WITH	Germany	Granted	00982607.4	9/18/2000	60007159.6-08	12/10/2003			· 0
104950	UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW PATHWAY	Germany	Granted	01902024.7	1/11/2001	60112545.2-08	8/10/2005			ME
104784	LEANER	Germany	Granted	01968337.4	8/31/2001	60116336.2-08	12/28/2005			T
104752		Germany	Granted	03008173.1	4/8/2003	60329048.5-08	9/2/2009			TEN 05 FF
104698	CARPET EXTRACTOR WITH DUAL NOZZLES FOR DUAL BRUSHROLLS	Germany	Granted	02000247.3	1/14/2002	60202085.9-08	12/1/2004			PA
104729	MIXING PUMP FOR CARPET EXTRACTOR	Germany	Granted	02000248.1	1/14/2002	60223425.5-08	11/14/2007)3
104737	ž	Germany	Granted	02000225.9	1/11/2002	60218770.2-08	3/14/2007			. (
104436	יט	Germany	Published	112007001314.1	12/3/2008					'I
104148	NER	Hong Kong	Published	08107603.6	7/10/2008					
104505	HIGH PRESSURE EXTRACTOR	Hong Kong	Published	08107604.5	7/10/2008) F
104387		Hong Kong	Granted	0801616.6	6/13/2008	0801616.6	6/13/2008			
104108	VACUUM CLEANER WITH A NOZZLE COMPRISING AN INTERNALLY DRIVEN AGITATOR	Hong Kong	Pending	04102464.9	4/6/2004					
104748	ROBOTIC VACUUM WITH REMOVABLE PORTABLE VACUUM AND SEMI-AUTOMATED ENVIRONMENT MAPPING	Hong Kong	Granted	04102599.7	4/14/2004	1059719	2/6/2009			
104246	VACUUM CLEANER WITH CYCLONIC SEPARATING DIRT CUP AND DIRT CUP DOOR	Hong Kong	Published	08107605.4	7/10/2008					
104323	HANDLE FOR A STICK VACUUM CLEANER	Hong Kong	Granted	0800310.5M002	1/29/2008	0800310.5M002	5/30/2008			
104419	BASE FOR A STICK VACUUM CLEANER	Hong Kong	Granted	0800310.5M001	1/29/2008	0800310.5M001	5/30/2008			
104307	HAND-HELD VACUUM BODY	Hong Kong	Granted	0800310.5M003	1/29/2008	0800310.5M003	5/30/2008			
108121	SUCTION WET JET MOP	Italy	Granted	04700897.4	1/8/2004	1603446	6/23/2010			
104805	UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	Italy	Granted	98104806.9	3/17/1998	0928594	5/10/2006			
104838	UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	Italy	Granted	06000399.3	3/17/1998	1661501	8/20/2008			
104494	H CLEANING PAD	Japan	Granted	2004-566530	7/8/2005	4262682	2/20/2009			
104230		Japan	Pending	2010-002848	1/8/2010					
104508	HIGH PRESSURE EXTRACTOR	Japan	Pending	2007-557076	2/21/2006					
104390	ELECTRIC BROOM	Japan	Granted	2008-15428	6/17/2008	1348776	12/12/2008			
104645	UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	Japan	Pending	2009-185157	8/7/2009					
104954	UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW PATHWAY	Japan	Granted	2001-551364	1/11/2001	4139110	6/13/2008			
104131	ROBOTIC VACUUM WITH REMOVABLE PORTABLE VACUUM AND SEMI-AUTOMATED ENVIRONMENT MAPPING	Japan	Granted	2003-129506	5/7/2003	4107999	4/11/2008			
104132	ROBOTIC VACUUM WITH REMOVABLE PORTABLE VACUUM AND SEMI-AUTOMATED ENVIRONMENT MAPPING	Japan	Pending	2004-128928	4/23/2004					

Macisco						001200000	Granted	OHIGH KINGUOH	CARTELEXITACION HOUSING	
Granted 2006-1907 1,002,0006 135586 10,01,0006 135586 10,01,0006 135587 10,01,0006 135587 10,01,0006			11/3/2004	1018315	12/28/1999	00125088 8)	I Inited Kingdom) * 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	104876
Granted 2006-1901 1/30/2008 1345895 10/31/2008			5/25/2005	1020158	12/28/1999	99125989.6	Granted	United Kingdom	VALVE ASSEMBLY FOR CARPET EXTRACTOR	104852
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Granted 2008-1901 1/30/2008 1345895 10/31/2008 10/31/2008 10/31/2008 10/31/2008 10/31/2008 10/31/2008 10/31/2008 10/31/2008 10/31/2008 10/31/2008 10/31/2008 10/31/2008 10/31/2008 10/31/2008 10/31/2008 11/30/2008			9/8/1999	2084544	6/30/1999	2084544	Granted	United Kingdom	CARPET EXTRACTOR LOWER HANDLE	
Granted			9/8/1999	2084545	6/30/1999	2084545	Granted	United Kingdom	CARPET EXTRACTOR BASE	
Granted 2006-1901 1/30/2006 345897 10312008			12/2/1998	2075650	6/26/1998	2075650	Granted	United Kingdom	VACUUM CLEANER UPPER PORTION	104469
Carameted 2006-1907 17,907,0008 1345385 103172008 1031			3/24/2010	1052924	7/18/2000	98952175.2	Granted	United Kingdom	UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	106054
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Granted 2006-1907 120/2008 134536 10312008			5/10/2006	0928594	3/17/1998	98104806.9	Granted	United Kingdom	UPRIGHT VACUUM CLEANER WITH CYCLONIC AIRFLOW	104801
Granted 2008-1901 1/30/2008 1345387 1/31/2008 1/31/200					11/24/2009	0920595.6	Published	United Kingdom	DUAL STAGE CYCLONIC VACUUM CLEANER	104105
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Granted 2008-1901 1/30/2008 1345386 1031/2008			6/23/2010	1603446	1/8/2004	04700897.4	Granted	United Kingdom	SUCTION WET JET MOP	108120
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Granted 2008-1902 1/30/2008 1345387 10/31/2008			6/23/2010	1603446	1/8/2004	04700897.4	Granted	Spain	SUCTION WET JET MOP	108118
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Granted 2008-1901 1/30/2008 1345386 10/31/2008 10/31/2008 Granted 2008-1902 1/30/2008 1345387 10/31/2008 10/31/2008 Granted 2008-1903 1/30/2008 1345387 1/31/2008 1/31/2008 D Granted Pa/a/2005/007413 7/8/2005 254249 2/6/2008 1/8/2008 D Granted MX/H/2008/000946 4/23/2008 29231 9/8/2009 1/7 D Granted MX/H/2008/001386 4/8/2003 240866 1/9/2008 1/9/2009 D Granted PA/a/2004/010959 5/7/2003 245248 4/23/2009 1/9/2008 D Granted PA/a/2008/013028 1/1/3/2008 245248 4/23/2009 1/9/2008 D Pending MX/H/2008/013028 1/1/3/2008 28002 4/1/3/2009 4/1/3/2009 D Pending MX/H/2008/010204 1/24/2008 28002 4/1/3/2009 4/1/3/2009 D Granted MX/H/2008/000205 1/24/2008			1/7/2008	410273	1/7/2008	410273	Granted	New Zealand	HAND HELD VACUUM BODY	104313
Granted 2008-1901 1/30/2008 1345386 10/31/2008			7/17/2008	410275	1/7/2008	410275	Granted	New Zealand	BASE FOR A STICK VACUUM CLEANER	104423
Granted 2008-1901 1/30/2008 1345386 10/31/2008 1/30/2008			7/17/2008	410274	1/7/2008	410274	Granted	New Zealand	HANDLE FOR A STICK VACUUM CLEANER	104326
Granted Z008-1901 1/30/Z008 1345386 10/31/Z008	F		4/13/2009	28004	1/24/2008	MX/f/2008/000206	Granted	Mexico	HAND HELD VACUUM BODY	104311
Granted Z008-1901 1/30/2008 1345386 10/31/2008 10/31/2008 Granted 2008-1902 1/30/2008 1345387 10/31/2008 10/31/2008 Granted 2008-1903 1/30/2008 1337989 7/18/2008 7/18/2008 D Granted MX/8/2005/007413 7/8/2005 254249 2/6/2008 7/18/2008 D Granted MX/8/2008/000946 4/23/2007 29231 9/8/2009 T D Granted MX/8/2003/003046 4/8/2003 29231 9/8/2009 T D Granted PA/a/2004/010959 5/7/2003 240866 10/9/2008 10/9/2006 D Granted PA/a/2008/014508 11/13/2008 245248 4/23/2007 T D Granted PA/a/2008/014508 11/13/2008 245248 4/23/2007 T D Pendling MX/a/2008/013028 11/13/2008 245248 4/23/2009 4/13/2009 D Pendling MX/b/2008/003024 10/9/2008 2800	₹F		4/13/2009	28003	1/24/2008	MX/f/2008/000205	Granted	Mexico	BASE FOR A STICK VACUUM CLEANER	
Granted Z008-1901 1/30/2008 1345386 10/31/2008 Granted 2008-1902 1/30/2008 1345387 10/31/2008 Granted 2008-1902 1/30/2008 1337989 7/18/2008 Granted Pa/a/2005/007413 1/30/2008 1337989 7/18/2008 D Granted MX/if/2007/010212 8/22/2007 254249 2/6/2008 D Granted MX/if/2008/001386 4/23/2007 29231 9/8/2009 ET D Granted MX/if/2008/001386 6/16/2008 28168 5/11/2009 ET D Granted PA/a/2004/010959 5/7/2003 245248 4/23/2006 T D Granted PA/a/2004/010959 5/7/2003 245248 4/23/2007 T D Granted PA/a/2008/014508 1/1/3/2008 4/8/2003 245248 4/23/2007 T D Published MX/a/2008/014508 1/1/3/2008 4/23/2008 4/23/2007 T D Pending <td< th=""><th>F</th><th></th><th>4/13/2009</th><th>28002</th><th>1/24/2008</th><th>MX/f/2008/000204</th><th>Granted</th><th>Mexico</th><th>HANDLE FOR A STICK VACUUM CLEANER</th><th></th></td<>	F		4/13/2009	28002	1/24/2008	MX/f/2008/000204	Granted	Mexico	HANDLE FOR A STICK VACUUM CLEANER	
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Granted 2008-1901 1/30/2008 1345386 10/31/2008 Granted 2008-1902 1/30/2008 1345387 10/31/2008 Granted 2008-1902 1/30/2008 1337989 7/18/2008 Granted 2008-1903 1/30/2008 1337989 7/18/2008 Granted Pa/a/2005/007413 7/8/2005 254249 2/6/2008 D Pending MX/f/2007/010212 8/22/2007 254249 2/6/2008 D Granted MX/f/2008/000946 4/23/2008 29231 9/8/2009 D Granted MX/f/2008/001386 6/16/2008 28168 5/11/2009 Granted PA/a/2003/003046 4/8/2003 240866 10/9/2006 Granted PA/a/2004/010959 5/17/2003 245248 4/23/2007	: 0:				11/13/2008	MX/a/2008/014508	Published	Mexico	BATTERY POWERED CLEANING ATTACHMENT	104399
Granted 2008-1901 1/30/2008 1345386 10/31/2008 Granted 2008-1902 1/30/2008 1345387 10/31/2008 Granted 2008-1902 1/30/2008 1337989 7/18/2008 Granted 2008-1903 1/30/2008 1337989 7/18/2008 Granted Pa/a/2005/007413 7/8/2005 254249 2/6/2008 D Pending MX/i/2007/010212 8/22/2007 254249 2/6/2008 D Granted MX/i/2008/000946 4/23/2008 29231 9/8/2009 Granted MX/i/2008/0001386 6/16/2008 28168 5/11/2009 Granted PA/a/2003/003046 4/8/2003 240866 10/9/2006	F 32		4/23/2007	245248	5/7/2003	PA/a/2004/010959	Granted	Mexico	AUTO-FEED/REWIND ELECTRIC CORD REEL	104715
Granted 2008-1901 1/30/2008 1345386 10/31/2008 Granted 2008-1902 1/30/2008 1345387 10/31/2008 Granted 2008-1902 1/30/2008 1337989 7/18/2008 Granted 2008-1903 1/30/2008 1337989 7/18/2008 Granted Pa/a/2005/007413 7/8/2005 254249 2/6/2008 D Pending MX/a/2007/010212 8/22/2007 29231 9/8/2009 Granted MX/f/2008/0001386 6/16/2008 28168 5/11/2009	P /		10/9/2006	240866	4/8/2003	PA/a/2003/003046	Granted	Mexico	INTERNALLY DRIVEN AGITATOR	104756
Granted 2008-1901 1/30/2008 1345386 10/31/2008 10/31/2008 Granted 2008-1902 1/30/2008 1345387 10/31/2008 10/31/2008 Granted 2008-1902 1/30/2008 1337989 7/18/2008 7/18/2008 D Granted Pa/a/2005/007413 7/8/2005 254249 2/6/2008 2/6/2008 D Pending MX/a/2007/010212 8/22/2007 29231 9/8/2009 1	\T 05		5/11/2009	28168	6/16/2008	MX/f/2008/001386	Granted	Mexico	ELECTRIC BROOM	104391
Granted 2008-1901 1/30/2008 1345386 10/31/2008 10/31/2008 Granted 2008-1902 1/30/2008 1345387 10/31/2008 10/31/2008 Granted 2008-1903 1/30/2008 1337989 7/18/2008 1/30/2008 Granted Pa/a/2005/007413 7/8/2005 254249 2/6/2008 1/6/2008 D Pending MX/a/2007/010212 8/22/2007 254249 2/6/2008 1/6/2008	E		9/8/2009	29231	4/23/2008	MX/f/08/000946	Granted	Mexico	PORTABLE CLEANING DEVICE	104115
Granted 2008-1901 1/30/2008 1345386 10/31/2008 10/31/2008 Granted 2008-1902 1/30/2008 1345387 10/31/2008 10/31/2008 Granted 2008-1903 1/30/2008 1337989 7/18/2008 1/18/2008 D Granted Pa/a/2005/007413 7/8/2005 254249 2/6/2008 1/2/2008	N F				8/22/2007	MX/a/2007/010212	Pending	Mexico	HIGH PRESSURE EXTRACTOR	104507
Granted 2008-1901 1/30/2008 1345386 10/31/2008 10/31/2008 Granted 2008-1902 1/30/2008 1345387 10/31/2008 10/31/2008 Granted 2008-1903 1/30/2008 1337989 7/18/2008 1/18/2008	T RA		2/6/2008	254249	7/8/2005	Pa/a/2005/007413	Granted	Mexico	SUCTION WET JET MOP	104415
Granted 2008-1901 1/30/2008 1345386 10/31/2008 Granted 2008-1902 1/30/2008 1345387 10/31/2008	\N		7/18/2008	1337989	1/30/2008	2008-1903	Granted	Japan	HAND HELD VACUUM BODY	104308
Japan Granted 2008-1901 1/30/2008 1345386 10/31/2008	IE:		10/31/2008	1345387	1/30/2008	2008-1902	Granted	Japan	SUCTION OPENING FOR A VACUUM CLEANER	104420
	0		10/31/2008	1345386	1/30/2008	2008-1901	Granted	Japan	BODY FOR A VACUUM CLEANER	-
Country Status App. No Filing Date Patent No. Issue Date Inventors Abstract ImagePath	ImagePath 6		Issue Date	Patent No.	Filing Date	App. No	Status	Country	Title	appID

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appID	Title	Country	Status	App. No	Filing Date	Patent No.	Issue Date	Inventors /	Abstract
104905	COMBINATION DIRTY FLUID TANK AND	United Kingdom	Granted	99125987.0	12/28/1999	1018314	10/6/2004		
	NOZZLE FOR A CARPET EXTRACTOR								
104926	FILTER FOR VACUUM CLEANER	United Kingdom	Granted	2084302	6/21/1999	2084302	8/12/1999		
104952	UPRIGHT VACUUM CLEANER WITH	United Kingdom	Granted	01902024.7	1/11/2001	1248551	8/10/2005		
	CYCLONIC AIRFLOW PATHWAY								
104786	BAGLESS CANISTER VACUUM CLEANER	United Kingdom	Granted	01968337.4	8/31/2001	1315442	12/28/2005		
104753	104753 VACUUM CLEANER WITH A NOZZLE	United Kingdom	Granted	03008173.1	4/8/2003	1352603	9/2/2009		
	COMPRISING AN INTERNALLY DRIVEN AGITATOR								
104700	104700 CARPET EXTRACTOR WITH DUAL NOZZLES FOR DUAL BRUSHROLLS	United Kingdom	Granted	02000247.3	1/14/2002	1234536	12/1/2004		
104731	104731 MIXING PUMP FOR CARPET EXTRACTOR	United Kingdom	Granted	02000248.1	1/14/2002	1222956	11/14/2007		
104739	TANK MOUNTING OF CARPET EXTRACTOR	United Kingdom	Granted	02000225.9	1/11/2002	1230889	3/14/2007		
104206	104206 SINGLE STAGE CYCLONE VACUUM CLEANER United Kingdom	United Kingdom	Published	0823126.8	12/18/2008				
104435	SEPARATELY OPENING DUST CONTAINERS	United Kingdom	Published	0823125.0	12/18/2008				

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