

Search history

Search 1: SFT=(cleaning and slit and gripp* and sheet) and PD=19700101:20140926 and EC=(A47L) (Results 59)

Title: **Cleaning** implements having structures for retaining a **sheet**

Abstract: A **cleaning** implement, such as a floor mop, is provided. The **cleaning** implement includes a handle and a **cleaning** head attached to the handle. The **cleaning** head has at least one attachment structure for receiving and retaining a **sheet** about the **cleaning** head. The attachment structure includes a base triangle and a plurality of substantially pie-shaped sections whose apexes meet at a substantially common point adjacent the base triangle. Two sides of the base triangle and two sides of each of the pie-shaped sections are defined by **slits** passing through the flexible material forming the attachment structure such that the base triangle and each of the pie-shaped sections can be deflected to receive the **sheet**.

Classifications:

International (IPC 8-9): A47L13/254 A47L13/256

A47L13/46 (Advanced/Invention)

International (IPC 1-7): A47L13/20 A47L13/254 A47L13/256

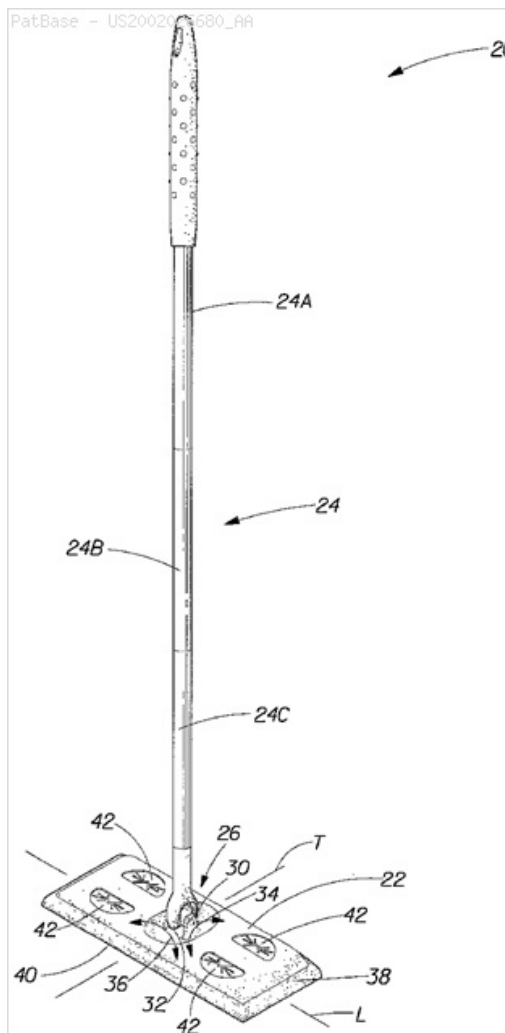
A47L13/46

CPC: A47L13/256 A47L13/46 A47L13/254

European: A47L13/256 A47L13/46

US: 134/6 134/6P 15/228 15/228P 15/228S 15/231 15/231P 15/231S D32/40 D32/50

Locarno class: 04/01



Family:

Publication number	Publication date	Application number	Application date
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Priority:

US19980088832F 19980602
WO2000IB01113 20000810
US20030618809 20030714

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US20010929937 20010815

US19990374714 19990813
US20020216117 20020809

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): HARDY MICHAEL EARL ; KINGRY GARY WILLIAM ; PROCTER AND GAMBLE CO ; STRICKLAND WILBUR CECIL

Inventor(s): (std): STRICKLAND WILBUR CECIL JR ; STRICKLAND WILBUR CECIL ; STRICKLAND CECIL ; KINGRY WILLIAM ; KINGRY GARY WILLIAM ; HARDY MICHAEL EARL ; HARDY EARL

Inventor(s): GARY WILLIAM KINGRY ; PHILIP EBWIN HAGUE ; MICHAEL EARL HARDY ; WILBUR CECIL STRICKLAND JR ; WILBUR CECIL STRICKLAND

Agent(s): DIMOCK STRATTON LLP; WILSON LUE LLP; SOGA MICHITERU; SOGA MICHIHARU

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Title: **CLEANING** TOOL WITH REMOVABLE **CLEANING SHEETS**

Abstract: A refill is designed for use with a mop of the type having a mop head with a lower surface and an opposed upper surface interconnected by a leading and a trailing edge. The mop head has a **gripper** device on its upper surface for retaining a **cleaning sheet** on the mop head. The refill includes a base layer with a front edge and an opposed rear edge, and a midportion between the front and rear edges. The base layer is designed to be wrapped about the mop head with the midportion adjacent to the lower surface of the mop head and the front and rear edges wrapping onto the upper surface of the mop head so as to be retained by the **gripper**. Multiple **cleaning sheets** are each removably supported on the midportion of the base layer in a stacked configuration. Each of the **sheets** has an outward face for **cleaning** and an opposed inward face. The outward face of each of the **sheets** is designed to contact a surface to be **cleaned** and to thereby become soiled. When the outward face of the outermost **sheet** becomes soiled, the **sheet** may be peeled away to expose a non-soiled **sheet**.

Classifications:

International (IPC 8-9): A47L13/12 A47L13/18 A47L13/20 A47L13/24 A47L13/25 A47L13/256 A47L13/29 A47L13/46 A47L23/22 A47L23/26 A47L25/00 B32B27/12 B32B3/24 B32B5/02

B32B7/02 (Advanced/Invention);

A47L13/10 A47L13/16 A47L13/20 A47L23/00 A47L25/00 B32B27/12 B32B3/24 B32B5/02 B32B7/02 (Core/Invention)

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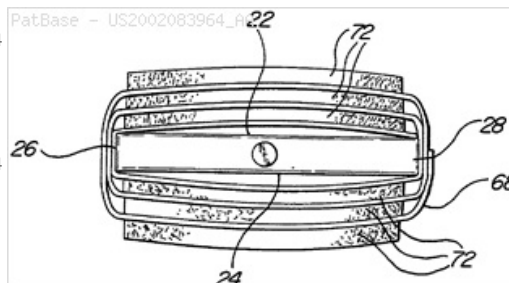
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European: A47L13/18 A47L13/20 A47L13/24 A47L13/25 A47L13/256 A47L13/29 A47L13/46 A47L23/26C A47L25/00A B32B27/12 B32B3/26B B32B5/02 B32B7/02

US: 134/6 134/6P 134/6S 15/104.002 15/104.93 15/104.94 15/118 15/144.1 15/209.1 15/209.100S 15/211 15/211S 15/215 15/215P 15/216 15/223 15/223S 15/227 15/227P 15/227S 15/228 15/228S 15/231 15/231S 15/244.1 15/244.100S 15/244.3 15/244.300S 15/247 15/247S 15/247S 152/280 428/101 428/119 428/120 428/343 428/352 428/40.1 428/401 428/41.9 428/419 428/68 428/99 428/99S



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Priority:

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US20040897889	20040722				

Probable Assignee: RAPID BRANDS CORP

Assignee(s): (std): MCKAY WILLIAM D ; RAPID BRANDS CORP ; WILLIAM D MCKAY

Inventor(s): (std): MCKAY WILLIAM D ; WILLIAM D MCKAY

Agent(s): RIDOUT AND MAYBEE LLP; GIFFORD KRASS GROH SPRINKLE ANDERSON AND CITKOWSKI PC; GIFFORD KRASS SPRINKLE ANDERSON AND CITKOWSKI PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: Grill **cleaning** apparatus incorporating detachable handle and holder for removable scouring pad

Abstract: Presented is a grill **cleaning** apparatus including a body for detachably retaining a scouring pad. The body is provided with a "grasp" that may be grabbed by one or both hands to manipulate the body and scouring pad on a surface that requires **cleaning**. Alternatively, an elongated handle may be detachably and adjustably secured to the "grasp"; so as distance the operator's hands from a hot grill that requires **cleaning**. Detachable tine means are mounted on the body and are manipulable to enable application of a scouring pad on the tine means, or removal of a scouring pad therefrom.

Classifications:

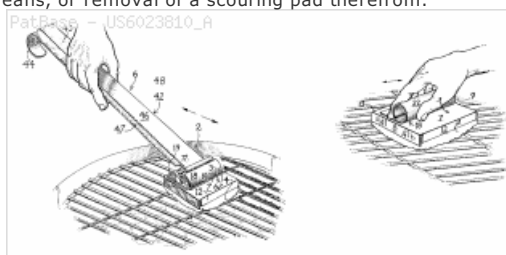
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A47L13/34 A47L17/08 (Advanced/Invention);
A47J37/07 A47L13/02 A47L13/10 A47L17/00 (Core/Invention)

International (ipc 1-7): A47L13/10 A47L17/08

CPC: A47J37/0786 A47L13/022 A47L13/07 A47L13/34 A47L17/08

European: A47J37/07L A47L13/022 A47L13/07 A47L13/34
A47L17/08

US: 15/145 15/229.13



Family:

Publication number	Publication date	Application number	Application date
US6023810 A	20000215	US19980124459	19980728

Priority:

US19980124459 19980728

Probable Assignee:

GESSERT ROY E

Assignee(s): (std):

GESSERT ROY E

Inventor(s): (std):

GESSERT ROY E

Title: Grill **cleaning** brush and scraper

Abstract: A grill **cleaning** brush and scraper having a replaceable **cleaning** bristle head with scraper blade. A second handle grip for improved leverage and force application permits more efficient **cleaning** with less effort. The device also provides a soft-grip handle and curved neck portion for improved comfort during use.

Classifications:

International (IPC 8-9): A46B5/02 A46B7/04 A47J37/07 A47L13/12 A47L13/34 B25G1/00 B25G1/10 (Advanced/Invention);

A46B5/00 A46B7/00 A47J37/07 A47L13/10 B25G1/00 (Core/Invention)

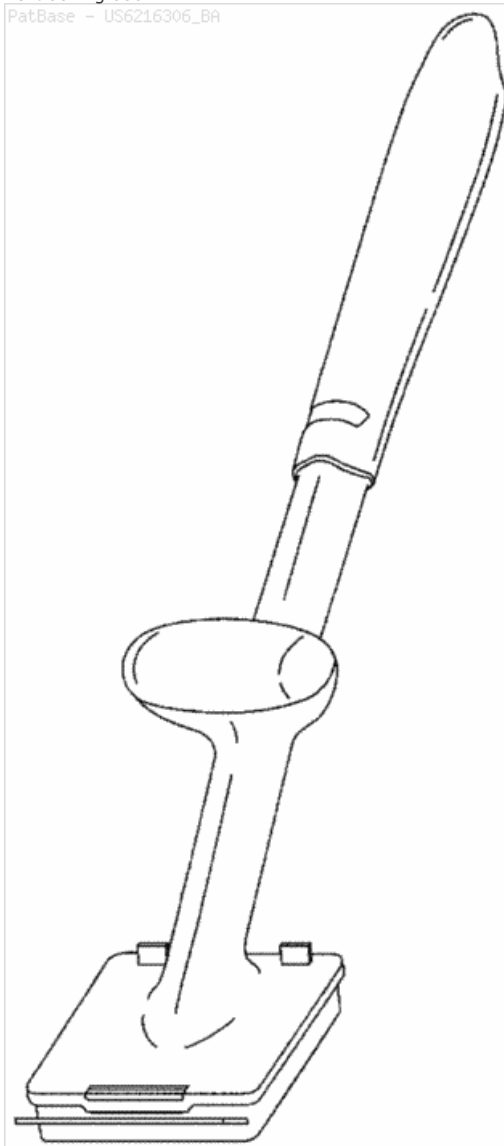
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European: A46B5/02 A46B7/04 A47J37/07L A47L13/12 A47L13/34 B25G1/00 B25G1/10B

US: 15/111 15/143.1 15/176.1 15/236.01 D32/42 D32/48 D32/49 D4/118 D4/138

PatBase - US6216306_BA



Family:

Publication number	Publication date	Application number	Application date
US6216306 BA	20010417	US19990373817	19990813

Priority:

US19990373817 19990813

Probable Assignee: COLEMAN CO INC

Assignee(s): (std): COLEMAN CO

Assignee(s): COLEMAN CO INC ; FIRST UNION NATIONAL BANK AS ADMINISTRATIVE AGENT ; GENERAL ELECTRIC CAPITAL CORP ; SUNBEAM PRODUCTS INC ; THE COLEMAN COMPANY INC

Inventor(s): (std): AKINRELE DYLAN ; ESTERSON ROBIN ; FIEBEL BILL ; KILLEN KRISTIE M ; LACOTTA PAUL ; LAMOND DONALD R

Title: SEMI-ENCLOSED APPLICATOR FOR DISTRIBUTING A SUBSTANCE ONTO A TARGET SURFACE

Abstract: A semi-enclosed applicator for distributing a substance onto a target surface including a first side having a first internal surface and a first external surface, a second side having a second internal surface and a second external surface, an internal cavity between said first and second sides, at least one externally accessible opening, and a flexible film reservoir containing a product. At least a portion of the flexible film reservoir of said flexible film reservoir is disposed between said external surfaces of said first side and said second side.

Classifications:

International (IPC 8-9): A01N25/34 A41D19/00 A45D33/36 A45D34/04 A45D37/00 A45D40/00 A46B11/00 A46B11/02 A46B5/04 A47K7/03 A47L1/08 A47L1/15 A47L13/16 A47L13/17 A47L13/18 A47L13/19 A61C17/00 A61F13/40 A61J1/05 A61K8/00 A61K8/02 A61K8/34 A61K8/36 A61K8/365 A61K8/41 A61K8/46 A61M35/00 A61Q1/00 A61Q1/02 A61Q1/14 A61Q11/00 A61Q19/00 A61Q19/10 A61Q3/04 A61Q5/02 B05C1/02 B05C17/00 B05C17/10 B32B33/00 B32B5/18 B43K5/14 B60S3/04 B65B1/04 B65D30/22 B65D33/38 B65D75/58 B65D77/08 B65D81/32 B65D81/34 B65D83/00 C11D17/04 (Advanced/Invention);

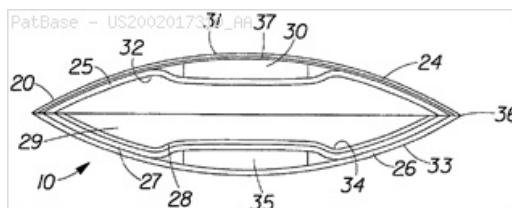
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**Family:**

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WO0126499 C2	20020516	WO2000US27967	20001010
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WO0127239 A1	20010419	WO2000US27973	20001010
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WO04052556 A1	20040624	WO2003US39601	20031210
ZA200202473 A	20030627	ZA20020002473	20020327
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Priority:

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Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): GARY CURTIS JOSEPH ; GRUENBACHER DANA PAUL ; JOSEPH CURTIS GARY ; JOSEPH GARY CURTIS ; KEVIN JOE FIELDS ; ZIMMERMAN DEAN ARTHUR ; PROCTER AND GAMBLE ; MANSKE THOMAS JAMES JR ; ZAVERI PIYUSH NARENDRA ; ZIMMERMAN DEAN A ; ZAVERI PIYUSH NARENDRA ; PIYUSH NARENDRA ZAVERI ; SHERRY ALAN EDWARD ; THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO ; DAVIS JAMES HERBERT ; FIELDS KEVIN JOE

Assignee(s): GAMBLE CO ; DIRKSING WILLIAM PAUL ; CEDENO ALEJANDRO ; PUNG DAVID JOHN ; MANSKI THOMAS JAMES JR ; VERBIEST JAN H ; WONG ARTHUR ; LAKE KIRK WALLACE ; PROCTOR AND GAMBLE CO ; PROCTER AND ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTER AND GAMBLE CO

Inventor(s): (std): DAVIS JAMES H ; DAVIS JAMES HERBERT ; DIRKSING WILLIAM P ; FIELDS JOE ; FIELDS KEVIN J ; FIELDS KEVIN JOE ; GARY CURTIS JOSEPH ; DAVIS HERBERT ; GRUENBACHER DANA P ; GRUENBACHER DANA PAUL ; JOSEPH CURTIS ; JOSEPH CURTIS GARY ; JOSEPH GARY C ; JOSEPH GARY CURTIS ; GRUENBACHER PAUL ; KEVIN JOE FIELDS ; LAKE KIRK W ; MANSKE JAMES ; MANSKE JR THOMAS J ; MANSKE JR THOMAS JAMES ; MANSKE THOMAS J ; MANSKE THOMAS J JR ; MANSKE THOMAS JAMES ; MANSKE THOMAS JAMES JR ; PAUL GRUENBACHER DANA ; PIYUSH NARENDRA ZAVERI ; PIYUSH NARENDRA ZAVERI ; PUNG DAVE J ; SHERRY ALAN E ; SHERRY ALAN EDWARD ; THOMAS JAMES JR MANSKE ; THOMAS JAMES MANSKE ; THOMAS JAMES MANSKE JR ; ZAVERI NARENDRA ; ZAVERI PIYUSH N ; ZAVERI PIYUSH NARENDRA ; ZAVERI PIYUSH NARENDRA ; ZIMMERMAN DEAN A ; ZIMMERMAN DEAN ARTHUR ; DEAN A ZIMMERMAN ; DANA PAUL GRUENBACHER ; ALAN EDWARD SHERRY ; ZAVERI P N ; JAMES HERBERT DAVIS ; JOSEPH G C ; FIELDS K J ; ZAVERI NARENDRA ; WONG ARTHUR ; VERBIEST JAN HENDRIK MARIA ; VERBIEST JAN H ; MANSKI THOMAS JAMES JR ; LAKE KIRK WALLACE ; PUNG DAVID JOHN ; JR THOMAS JAMES MANSKE ; JOSEPH GARY ; DIRKSING WILLIAM PAUL ; CEDENO ALEJANDRO

Inventor(s): JR THOMAS J ; DIRKSING WILLIAM ; DANA P GRUENBACHER ; JAMES H DAVIS ; PUNG DAVE ; LAKE KIRK ; KEVIN J FIELDS ; SHERRY ALAN ; GC JOSEPH ; G C JOSEPH ; PN ZAVERI ; KJ FIELDS ; CURTIS JOSEPH GARY ; CURTIS GARY JOSEPH ; K J FIELDS ; JOE FIELDS KEVIN ; ZAVERI PIYUSH NARENDRA AND ; ZIMMERMAN ; ZAVERI PIYUSH ; PUNG DAVE JOHN ; MANSKE THOMAS JJR ; NARENDRA ZAVERI PIYUSH ; P N ZAVERI ; MANSKE THOMAS ; MANSKE ; GUENBACHER DANA PAUL ; JR THOMAS JAMES ; GRUENBACHER DANA PUAL ; DAVIS JAMES ; GRUENBACHER DANA ; FIELDS K J YMANSKE THOMAS JAMES ; FIELDS KEVIN ; DAVIS JAMES HERBET ; DEAN ARTHUR ZIMMERMAN

Agent(s): PHILLIPS ORMONDE FITZPATRICK; KIRBY EADES GALE BAKER; GOWLING LAFLEUR HENDERSON LLP; DIMOCK STRATTON LLP; WILSON LUE LLP; MBM INTELLECTUAL PROPERTY LAW LLP; HARNECKER; SOGA MICHITERU; SOGA MICHIHARU; NAGAI HIROSHI; THE PROCTER AND GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION; PROCTER AND GAMBLE CO INTELLECTUAL PROPERTY DIVISION; PROCTER AND GAMBLE CO INTELLECTUAL PROPERTY DIVISION WEST BLDG; BRIDGET; PETER D; STEVEN W; THIBAUT; MARK A; KIM W; LARRY L; KIM WILLIAM ZERBY

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: MIXED SURFACTANT **CLEANING** COMPOSITIONS WITH REDUCED STREAKING

Abstract: The invention provides an improved, reduced streaking/filming dilute **cleaning** formulation which is to be used in a no-rinse **cleaning** application, preferably either by a dosing dispenser or in a combined **cleaning** tool which contains a **cleaning** head, a handle, a reservoir of the **cleaning** formulation mounted to said handle and a means for dispensing the **cleaning** formulation in a suitable direction relative to the **cleaning** head.

Classifications:

International (ipc 8-9): A46B11/00 A46B11/04 A47L1/08 A47L13/00 A47L13/17 A47L13/22 A47L13/26 A47L13/312 A47L13/44 B08B3/00 C11D1/83 C11D17/04 C11D3/02 C11D3/22 C11D3/37 C11D3/43 (Advanced/Invention);

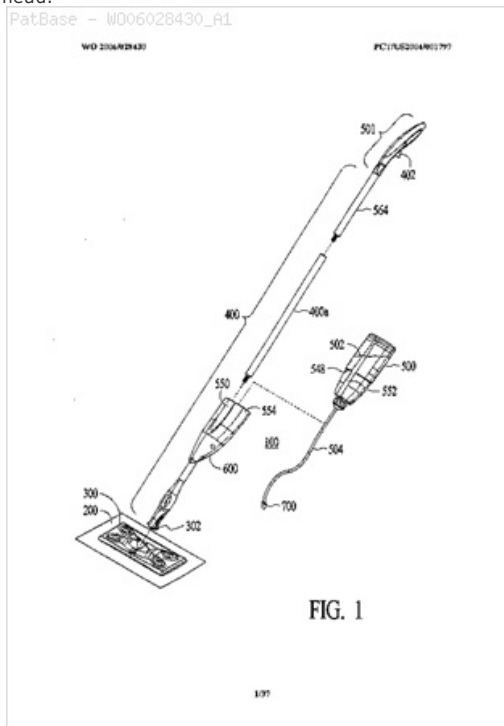
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International (ipc 1-7): A46B11/00 A47L1/00 A47L1/08 A47L13/12 A47L13/22 A47L13/26 A47L13/30 B08B3/00 B43M11/02 C11D1/83 C11D17/00

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European: A47L13/22 A47L13/26 A47L13/312 A47L13/44 C11D1/83 C11D17/04B C11D3/04H C11D3/22E C11D3/37B2 C11D3/37B9 C11D3/37C6F C11D3/37C8F C11D3/37C8H C11D3/37C9 C11D3/43 M11D1/24 M11D1/72

US: 134/187 134/198 134/198S 134/34 134/34P 134/6 134/6P 134/6S 15/114 15/114S 15/115 15/115S 15/118 15/118S 222/518 401/118 401/118P 401/136 401/138 401/138S 401/139 401/140 401/140P 401/27 401/270 401/270S 401/276 401/278 401/278S 401/279 401/279S 401/282 401/282S 510/180 510/238 510/365 510/417 510/421 510/421S 510/424 510/424S 510/432 510/506 D23/213 D32/25 D32/40 D32/45 D32/50



Family:

Publication number	Publication date	Application number	Application date
AU2001245978 AA	20011008	AU20010245978	20010323
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EP1341882 A4	20040901	EP20010993170	20011121
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Priority:

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Probable Assignee: CLOROX CO

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Assignee(s): ZIBA DESIGN INC ; THE CLOROX COMPANY ; THE CLOROX CO ; MINKLER DOUGLAS ; BELL RUSSELL ; BULALA CHERIE ; CHOW KATIE K ; COUTS DANIELLE J ; COUTTS DANIELLE J ; CRANDALL AMY ; HUESTIS SUSAN ; PARK GENE ; CULANG FRANCIS J

Inventor(s): (std): ZHOU BOLI ; MITRA SHUMANTA ; HAUBRICH SCOTT ; CHOW KATIE K ; COUTTS DANIELLE J ; CRANDALL AMY ; CULANG FRANCIS J ; HUESTIS SUSAN ; MINKLER DOUGLAS ; MINKLER DOUGLAS J ; OLSEN SHARON ; PARK GENE ; SAYLER DAVID ; RADER JAMES E ; PORTICOS RICHARD ; PARK ERIC Y ; HEFTER KAREN S ; HAUBRICH SCOTT T ; HALL MICHAEL J ; FLAGLER ROBERT W ; COUTS DANIELLE J ; BELL RUSSELL ; BULALA CHERIE ; SAYLER DAVID J

Inventor(s): SUSAN HUESTIS ; CHERIE BULALA ; RADER JAMES ; PARK ERIC ; MITRA S ; HEFTER KAREN ; FLAGLER ROBERT ; RUSSELL BELL ; HALL MICHAEL ; CULANG FRANCIS ; COUTS DANIELLE ; SHUMANTA MITRA ; SCOTT T HAUBRICH ; ROBERT W FLAGLER ; RICHARD PORTICOS ; MICHAEL J HALL ; KAREN S HEFTER ; JAMES E RADER ; ERIC Y PARK ; DAVID SAYLER ; BOLI ZHOU

Agent(s): GRIFFITH HACK ; RICHES MCKENZIE AND HERBERT LLP ; JOHANSSON ; RAY K SHAHANI ESQ ATTORNEY AT LAW ; SHAHANI ESQ RAY K ; HAYASHIDA ESQ JOEL J ; MAZZA ESQ MIKE ; RAY K ; JOEL J ; MIKE ; MONICA H ; R ; DAVID ; MICHAEL J

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: FLOOR MAT, SYSTEM AND METHOD

Abstract: A floor mat, system and method, wherein one embodiment of the mat comprises a nonwoven substrate through which carpet pile fibers are tufted and which also comprises either a foam rubber backing **sheet** which exhibits the same degree of shrinkage as the carpet pile component or a rubber backing **sheet** which possesses a strength modulus above about 1,000 pounds per square inch. With such backing **sheet** requirements either the overall shrinkage of the mat will be even or the backing **sheet** will be strong enough to compensate for varying degrees of shrinkage between the pile substrate and the backing **sheet**. The resultant floor mat meets industrial laundry standards of rippling (i.e., curling up) and delaminating (i.e., loosening and ultimate falling out of tufted pile fibers), preferably utilizes a nonwoven carpet pile substrate, and is able to withstand vigorous laundry processes without either damaging the subject rotary washer or centrifugal dryer or becoming damaged itself upon exposure to such harsh conditions.

Classifications:

International (IPC 8-9): A47G27/02 A47L23/22 A47L23/26

B29D31/00 D06B11/00 D06N7/00 (Advanced/Invention);

A47G27/00 A47L23/00 D06N7/00 (Core/Invention)

International (IPC 1-7): A47G27/02 A47L23/00 A47L23/22

A47L23/26 B29D31/00 B32B3/14 B32B31/00 D06B11/00 D06N7/00

CPC: D06N7/0071 D06N2201/02 D06N2201/0263 D06N2205/04

D06N2209/0807 A47L23/266 B32B2038/0076 B32B2471/04

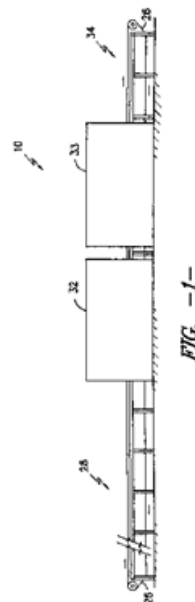
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European: A47L23/26C D06N7/00B6 L32B31/00D16 L32B38/00F6 L32B471/04

US: 156/25 156/250 156/250S 428/192 428/192S 428/47 428/47P 428/95 428/95S

PatBase - US2002045021_AA

Patent Application Publication Apr. 18, 2002 Sheet 1 of 19 US 2002/0045021 A1



Family:

Publication number	Publication date	Application number	Application date
AU2001281247 AA	20020225	AU20010281247	20010810
AU200181247 A1	20020225	AU20010081247	20010810
AU200181247 A5	20020225	AU20010081247	20010810
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EP1311721 A2	20030521	EP20010959721	20010810
JP2004519264 T2	20040702	JP20020518821T	20010810
US2002045021 AA	20020418	US20010927016	20010809
WO0213669 A2	20020221	WO2001US25225	20010810
WO0213669 A3	20020822	WO2001US25225	20010810

Priority:

US20000224310P 20000810 US20010927016 20010809 WO2001US25225 20010810

Probable Assignee: MILLIKEN AND CO

Assignee(s): (std): MILLIKEN AND CO ; STREETON AMY B

Assignee(s): MILLIKEN AND COMPANY ; BROWN V CHRISTOPHER

Inventor(s): (std): BROWN V CHRISTOPHER ; STREETON AMY B

Inventor(s): V CHRISTOPHER BROWN ; BROWN V ; AMY B STREETON

Agent(s): PHILLIPS ORMONDE FITZPATRICK; GOWLING LAFLEUR HENDERSON LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Title: ADAPTER PLATE FOR **CLEANING** IMPLEMENT

Abstract: Adapter plates (30) which can be used with a **cleaning** implement (10) are provided. These adapter plates (30) can be removably attached to a dry or wet **cleaning** implement (10) in order to allow a consumer to use longer and/or larger **sheets** or pads (310) without having to purchase a complete **cleaning** implement. These adapter plates (30) may have elevational elements (1630, 1631) at the bottom surface to improve the efficiency of **cleaning** by creating pressure zones in the **sheet** or pad (310). These adapter plates (30) may also have a scrubbing element secured at one edge of the plate for heavy stain removal.

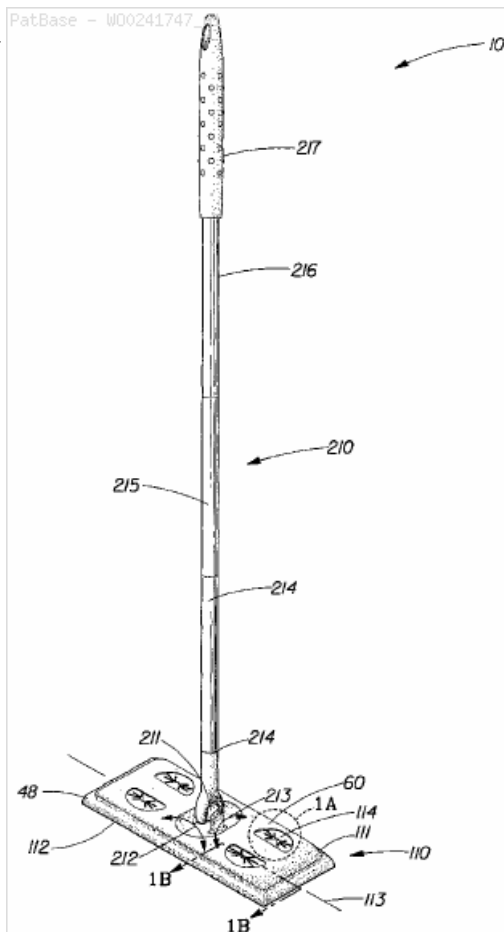
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International (IPC 8-9): A47L13/16 A47L13/20 A47L13/22 A47L13/24 A47L13/254 A47L13/256 A47L13/51 A47L25/00 B25G1/06 B67B7/86 C11D17/04 C11D3/43 D06M15/227 D06M15/263 D06M15/333 D06M15/693 (Advanced/Invention)

International (IPC 1-7): A47L13/24 A47L13/254

CPC: A47L13/16 A47L13/20 A47L13/22 A47L13/254 A47L13/256 A47L13/51 A47L25/005 B25G1/06 B67B7/28 C11D3/43 C11D17/049 D06M15/227 D06M15/263 D06M15/333 D06M15/693

European: A47L13/16 A47L13/20 A47L13/22 A47L13/254 A47L13/256 A47L13/51 A47L25/00A B25G1/06 B67B7/28 C11D17/04F C11D3/43 D06M15/227 D06M15/263 D06M15/333 D06M15/693



Family:

Publication number	Publication date	Application number	Application date
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EP1337177 A1	20030827	EP20010991960	20011127
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ES2321481 T3	20090608	ES20010991960T	20011127
JP2004523258 T2	20040805	JP20020543931T	20011127
MXPA03004622 A1	20030905	MX2003PA04622	20011127
WO0241747 A1	20020530	WO2001US44469	20011127

Priority:

US20000723025 20001127 US20000723026 20001127 US20010929938 20010815
WO2001US44469 20011127

Probable Assignee: PROCTER AND GAMBLE

Assignee(s): (std): PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): PROCTER AND GAMBLE CO ; RUSSO PAUL JOSEPH ; JOHNSON PHILIP SAMUEL ; POLICICCHIO NICOLA JOHN

Inventor(s): (std): JOHNSON PHILIP ; JOHNSON PHILIP SAMUEL ; NICOLA JOHN POLICICCHIO ; PAUL JOSEPH RUSSO ; PHILIP SAMUEL JOHNSON ; POLICICCHIO NICOLA ; POLICICCHIO NICOLA JOHN ; RUSSO PAUL ; RUSSO PAUL JOSEPH

Agent(s): DIMOCK STRATTON LLP; WILSON LUE LLP; GOODIER CLAIRE LOUISE ET AL; SOGA MICHITERU; SOGA MICHIHARU

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZM ZW

Title: Semi-enclosed applicator for distributing a substance onto a target surface

Abstract: A semi-enclosed applicator, such as a mitt, for distributing a substance onto a target surface. The mitt has a first layer, a second layer in face-to-face contact with the first layer, and a third layer in face to face contact with the second layer. The first and second layers are positioned to form a cavity to allow for a product dispensing reservoir to be placed. The first layer, second layer and reservoir are removably attached to the third layer for removal by the user after use.

Classifications:

International (IPC 8-9): A47L13/19 A47L13/22 B05C17/00

B65D25/38 B65D83/00 (Advanced/Invention);

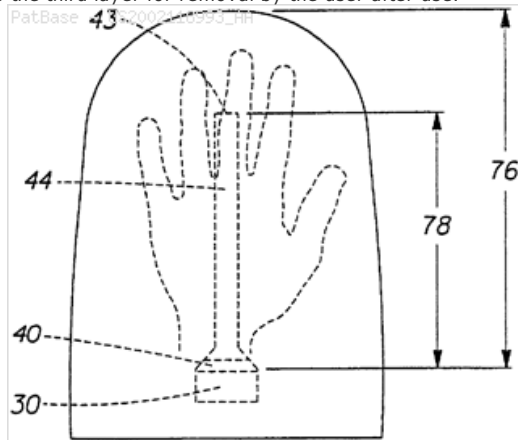
A47L13/16 A47L13/20 B05C17/00 (Core/Invention)

International (IPC 1-7): A47K7/02 A47L13/19 A47L13/22 B05C17/00
B43K5/14

CPC: A47L13/19

European: A47L13/19

US: 401/132 401/134 401/196 401/201 401/205 401/7



Family:

Publication number	Publication date	Application number	Application date
AR033419 AA	20031217	AR2002P100663	20020226
AU2002245509 AA	20020912	AU20020245509	20020222
CA2433625 AA	20030630	CA20022433625	20020222
CL2002000351 A1	20021217	CL20020000351	20020225
EP1372453 A1	20040102	EP20020713671	20020222
JP2004526487 T2	20040902	JP20020567135T	20020222
PE09412002 A1	20021216	PE20020000151	20020222
US2002118993 AA	20020829	US20010793161	20010226
US6588961 BB	20030708	US20010793161	20010226
WO02067758 A1	20020906	WO2002US05437	20020222
WO02067758 C1	20031224	WO2002US05437	20020222

Priority:

US20010793161 20010226 WO2002US05437 20020222

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): HANEY CARL P ; LAFOSSE MARIN ISABELLE ; MENDOZA PEDRO M ; PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): PROCTER AND GAMBLE CO ; MENDOZA PEDRO MIGUEL ; HANEY CARL PHILLIP

Inventor(s): (std): HANEY CARL P ; HANEY CARL PHILLIP ; LAFOSSE MARIN ISABELLE ; MENDOZA PEDRO M ; MENDOZA PEDRO MIGUEL

Agent(s): KIRBY EADES GALE BAKER; HARNECKER; NAGAI HIROSHI

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Title: **CLEANING SHEETS** HAVING LONG-LASTING PERFUME ODOR

Abstract: **Cleaning sheets** having long-lasting perfume odor comprise a substrate, perfume, and additive material having a melting point of at least about -15 degrees centigrade, wherein the perfume and additive material are affixed to the substrate. In a preferred embodiment, the perfume and additive material are first blended together and then affixed to the substrate, such that the blend of perfume and additive material has a melting point of at least about 20 degrees centigrade. Methods of imparting perfume odor to a surface, and optionally removing dust or the like from the surface, comprise the step of contacting, preferably wiping, the surface with a **cleaning sheet** of the present invention.

Classifications:

International (IPC 8-9): A47L13/16 A47L13/17 C11D17/04

C11D3/18 C11D3/20 C11D3/50 (Advanced/Invention)

International (IPC 1-7): A47L13/17 B32B27/04 C11D17/04

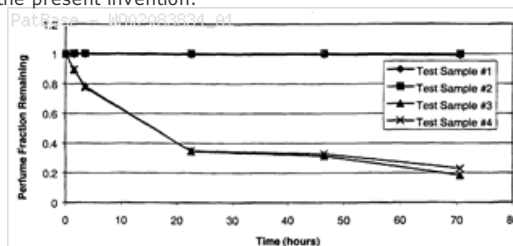
CPC: Y10T442/2303 C11D17/049 A47L13/16 A47L13/17 C11D3/18

C11D3/2079 C11D3/50 C11D17/041

European: A47L13/16 A47L13/17 C11D17/04B C11D17/04F

C11D3/18 C11D3/20E1 C11D3/50

US: 442/96 442/96P



Family:

Publication number	Publication date	Application number	Application date
AR033165 AA	20031203	AR2002P101358	20020412
AU2002256171 AA	20021028	AU20020256171	20020411
CA2441256 AA	20030911	CA20022441256	20020411
EP1377659 A1	20040107	EP20020725618	20020411
MXPA03009351 A1	20040212	MX2003PA09351	20020411
US2004072488 AA	20040415	US20030680594	20031007
WO02083834 A1	20021024	WO2002US11394	20020411

Priority:

US20010283487P 20010412 WO2002US11394 20020411 US20030680594 20031007

Probable Assignee: PROCTER AND GAMBLE

Assignee(s): (std): PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTOR AND GAMBLE COMPANY ; SHAH NIRAV SATISH ; RUSSELL JODI LYNN ; PROCTOR AND GAMBLE CO ; WONG ARTHUR ; CHILDS STEPHEN LEE ; CIPPOLLONE MARK GARY ; MCGAHAN DOUGLAS MICHAEL ; MORGAN GEORGE KAVIN

Inventor(s): (std): CHILDS STEPHEN LEE ; CIPPOLLONE MARK GARY ; CIPPOLLONE MARK GARY ; MCGAHAN DOUGLAS MICHAEL ; MORGAN GEORGE KAVIN ; RUSSELL JODI LYNN ; SHAH NIRAV SATISH ; WONG ARTHUR

Inventor(s): ARTHUR WONG

Agent(s): DIMOCK STRATTON LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Title: **CLEANING** IMPLEMENT AND JOINT THEREFOR

Abstract: A **cleaning** implement for removing debris from a surface comprises a handle, a mop head, and a joint connecting the handle and mop head; wherein the joint is adjustable and lockable. The joint allows the angle between the mop head and the handle to be adjusted appropriately and then locked into place. Another embodiment of the present **cleaning** implement comprises a handle and a mop head, wherein the mop heads comprises one or more gliders to facilitate the ability of the **cleaning** implement to glide smoothly across the surface being **cleaned**. Methods of removing debris comprise the step of contacting the surface with a **cleaning** implement of the present invention.

Classifications:

International (IPC 8-9): A47L13/00 A47L13/16 A47L13/20 A47L13/24 A47L13/254 A47L13/256 A47L13/42 B25G3/38 (Advanced/Invention)

International (IPC 1-7): A47L13/00 A47L13/16 A47L13/20 A47L13/24 A47L13/256

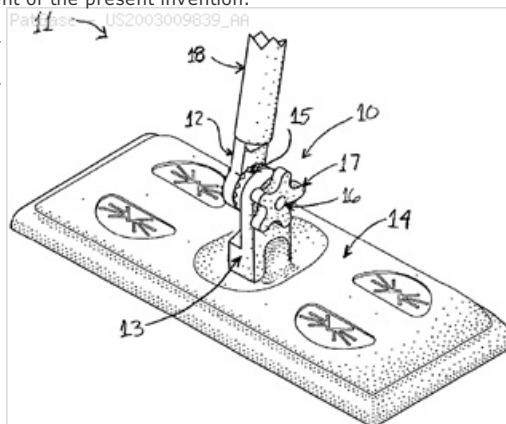
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European: A47L13/24 A47L13/254 A47L13/256 A47L13/42

B25G3/38

US: 15/144.1 15/144.100P 15/144.100S 15/144.2 15/144.200S

15/228 15/228P 15/231 15/231S



Family:

Publication number	Publication date	Application number	Application date
CA2448393 AA	20031124	CA20022448393	20020621
CA2448394 AA	20031124	CA20022448394	20020621
CA2448394 C	20070724	CA20022448394	20020621
CN1254214 C	20060503	CN20028012778	20020621
CN1520268 A	20040811	CN20028012663	20020621
CN1520269 A	20040811	CN20028012778	20020621
EP1399053 A1	20040324	EP20020744584	20020621
EP1401319 A1	20040331	EP20020746663	20020621
JP2004531326 T2	20041014	JP20030506561T	20020621
JP2005502394 T2	20050127	JP20030506562T	20020621
MXPA03011944 A1	20040326	MX2003PA11944	20020621
MXPA03011945 A1	20040326	MX2003PA11945	20031218
US2003009839 AA	20030116	US20020172619	20020614
US2003028988 AA	20030213	US20020172339	20020614
US2006000041 AA	20060105	US20050119180	20050429
WO03000107 A1	20030103	WO2002US19966	20020621
WO03000108 A1	20030103	WO2002US20061	20020621

Priority:

US20010300765P 20010625	US20020370871P 20020408	US20020172339 20020614
US20020172619 20020614	WO2002US19966 20020621	WO2002US20061 20020621
US20050119180 20050429		

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): P AND G CO ; LONEY GARY L ; MAILE MICHAEL S ; KACHER MARK L ; STREUTKER ALLEN DAVID ; TSE LEONARD LIK HANG ; SPOONER GREGORY ; VONG HOSS ; PROCTER AND GAMBLE ; STREUTKER ALLEN D ; TSE LEONARD L ; BRADBURY GLENN A ; DRAKE GARY R

Assignee(s): DRAKE GARY RAY ; BRADBURY GLENN ALLEN ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; NOKIA CORP ; KACHER MARK LESLIE ; MAILE MICHAEL STEPHEN ; LONEY GARY LEE

Inventor(s): (std): AD STREUTKER ; BRADBURY GLENN A ; BRADBURY GLENN ALLEN ; DRAKE G K ; DRAKE G R ; DRAKE GARY R ; DRAKE GARY RAY ; GK DRAKE ; GL LONEY ; GR DRAKE ; KACHER MARK L ; KACHER MARK LESLIE ; KACHER MARK LESLIE ; LONEY A D STREUTKER G K DRAKE ; LONEY G L ; ALLEN DAVID STREUTKER ; LONEY GARY L ; LONEY GARY LEE ; MAILE MICHAEL S ; MAILE MICHAEL STEPHEN ; SPOONER GREGORY ; STREUTKER A D ; STREUTKER ALLEN D ; STREUTKER ALLEN DAVID ; TSE LEONARD L ; TSE LEONARD LIK HANG ; VONG HOSS

Inventor(s): TSE LEONARD ; STREUTKER ALLEN ; MAILE MICHAEL ; BRADBURY GLENN ; LONEY GARY ; KACHER MARK ; G K DRAKE ; G L LONEY ; G R DRAKE ; DRAKE GARY ; AD STREUTKER GK DRAKE GL LONEY ; A D STREUTKER ; A D STREUTKER G K DRAKE G L LONEY

Agent(s): DIMOCK STRATTON LLP; WILSON LUE LLP; THE PROCTER AND GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION; PROCTER AND GAMBLE CO INTELLECTUAL PROPERTY DIVISION

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