

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
19 February 2004 (19.02.2004)

PCT

(10) International Publication Number
WO 2004/014211 A1

(51) International Patent Classification⁷: **A47L 5/28**,
9/02, 9/24

Stephen, Benjamin [GB/GB]; 20 Kensington Place, Bath,
Bath and South East Somerset BA1 6AP (GB).

(21) International Application Number:
PCT/GB2003/003142

(74) Agents: **HUCKER, Nerys** et al.; Intellectual Property De-
partment, Dyson Limited, Tetbury Hill, Malmesbury, Wilt-
shire SN16 0RP (GB).

(22) International Filing Date: 18 July 2003 (18.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0218426.5 9 August 2002 (09.08.2002) GB

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (*for all designated States except US*): **DYSON
LTD** [GB/GB]; Tetbury Hill, Malmesbury, Wiltshire SN16
0RP (GB).

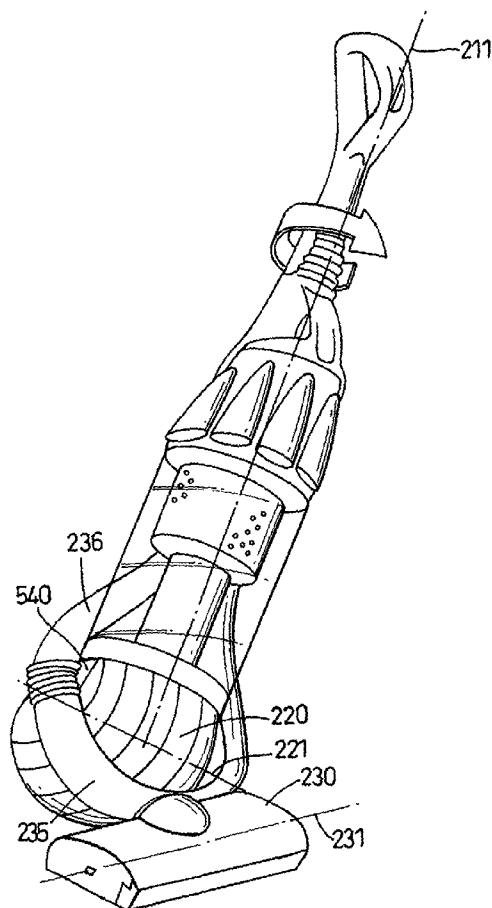
(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **COURTNEY**,

[Continued on next page]

(54) Title: SURFACE TREATING APPLIANCE



(57) Abstract: A surface treating appliance (200), such as a vacuum cleaner, comprises a handle (212), a surface treating head (230) and a support assembly (220). The support assembly is rollably mounted to the main body (210) for allowing the main body (210) to be rolled along a surface. A linkage (235) is provided between the main body and the surface treating head and arranged such that rotating the main body about its longitudinal axis causes the surface treating head to turn in a new direction. The support assembly (220) may house a component of the appliance, such as a motor, and may accommodate a fluid inlet (531) for receiving fluid flow and a fluid outlet (535) for exhausting fluid. The handle may carry the main body (210) of the appliance.



ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*