



(51) International Patent Classification:

A61Q 9/02 (2006.01) B26B 21/44 (2006.01)
A61K 8/86 (2006.01)

(21) International Application Number:

PCT/US2015/022683

(22) International Filing Date:

26 March 2015 (26.03.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/974,658 3 April 2014 (03.04.2014) US

(71) Applicant: THE GILLETTE COMPANY [US/US];

World Shaving Headquarters, IP/Legal Patent Department
- 3E, One Gillette Park, Boston, Massachusetts 02127
(US).

(72) Inventors: STEPHENS, Alison, Fiona; Rusham Park,

Whitehall Lane, Egham, Egham Surrey TW20 9NW (GB).
KEELING, Emma, Louise; 460 Basingstoke Road, Read-

ing, Reading Berkshire RG2 0QE (GB). WARRICK,
Paul, Leslie; 460 Basingstoke Road, Reading, Reading
Berkshire RG2 0QE (GB). BRADFORD, Valerie, Jean;
One Gillette Park, Boston, Massachusetts 02127 (US).

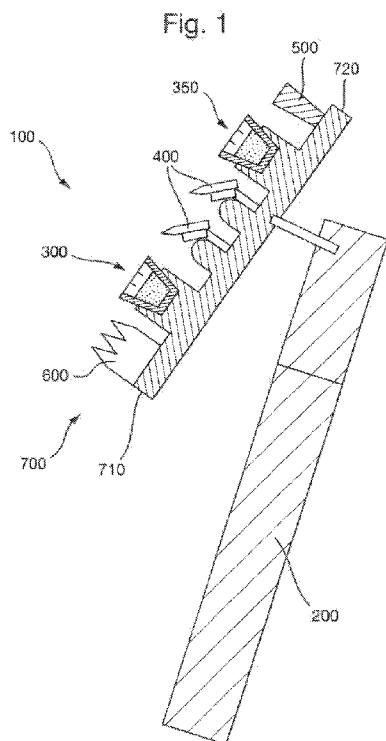
(74) Agent: KREBS, Jay A.; c/o THE PROCTER & GAMBLE
COMPANY, Global Patent Services, One Procter &
Gamble Plaza, C8-229, Cincinnati, Ohio 45202 (US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,
BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR,
KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG,
MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM,
PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC,
SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: LUBRICATING SKIN ENGAGING MEMBER FOR RAZOR CARTRIDGES



(57) Abstract: A razor cartridge comprising a housing and at least two or more blades forming a blade shaving plane, and a skin engaging member, said member comprising a container having a base and at least one wall extending substantially vertically to a maximum height (h) of from 0.1mm above the blade plane to 0.6mm below the blade plane (P) and a skin contacting surface having a dispensing orifice, and a lubricating material contained within the container; comprising a polyethylene oxide polymer having an average molecular weight of from 0.5 million to 10 million. The polyethylene oxide polymer and maximum container wall height (h) are selected such that the relationship between said molecular weight of said polyethylene oxide polymer and said maximum height of said wall is represented by the area below the line according to the formula polyethylene oxide molecular weight (million) = 10 * h (mm) + 7.



GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ,
TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU,
TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE,
DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT,
LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE,

SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*