(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau





(10) International Publication Number WO 2012/156827 A3

- (43) International Publication Date 22 November 2012 (22.11.2012)
- (51) International Patent Classification: B26B 21/40 (2006.01)
 (21) International Application Number:

PCT/IB2012/001605

(22) International Filing Date:

15 May 2012 (15.05.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/487,088 17 May 2011 (17.05.2011) US 13/166,530 22 June 2011 (22.06.2011) US

(72) Inventor; and

(71) Applicant: GLEZERMAN, Abraham [IL/IL]; 35 Basel St. (apt. 53), 62744 Tel-aviv (IL).

- (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, 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, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, 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, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, 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,

[Continued on next page]

(54) Title: SHAVING DEVICE WITH DUAL CUTTING ELEMENTS

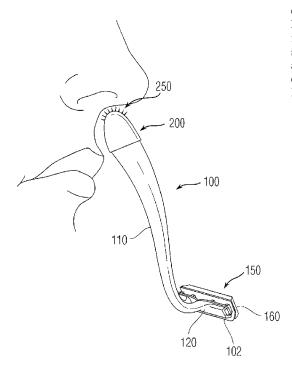


Fig. 1

(57) Abstract: An accessory for use with a shaving device includes a hollow flexible body having an open first end constructed to receive a free end of the shaving device that is opposite a razor blade and a closed second end. The closed second end has an arcuate shape. The accessory also includes a plurality of micro-blades disposed at the closed second end along an arcuate-shaped exterior surface thereof for trimming hair located in difficult to reach rounded facial areas.



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

before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

Published:

- with international search report (Art. 21(3))
- (88) Date of publication of the international search report: 2 May 2013

INTERNATIONAL SEARCH REPORT

International application No.

			PCT/IB12/01605	
A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - B26B 21/40 (2013.01) USPC - 30/537, 34.05, 346.57 According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) IPC(8): B26B 21/40 (2013.01) USPC: 30/34.05, 34.1, 50, 346, 346.57, 537; D28/44				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) MicroPatent (US-G, US-A, EP-A, EP-B, WO, JP-bib, DE-C,B, DE-A, DE-T, DE-U, GB-A, FR-A); Google; shave, shaving, accessories, fit, dispose, razor, hollow, tube, flexible body, tubular, open first end, closed second end, cover, attach, shaving device, end, handle, opposite, opposing, attachment, holder, assembly, group, nose, nostril, hair, follicle, trim, cutting, groom, arcuate shape, blade, cutter				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where a	ppropriate, of the releva	ant passages	Relevant to claim No.
Y	US 2010/0064520 A1 (PARK, SK et al.) March 18, 2010; abstract; figures 1, 2, 2A, 4; paragraphs [0007], [0011], [0012], [0024], [0026], [0027], [0029]			1-7, 9
Y	US 7730619 B2 (OZENICK, DL) June 8, 2010; abstract; figures 1-4; column 1, lines 64-67 to column 2, lines 1-32; column 2, lines 63-67 to column 3, lines 1-62			1-14
Y	US 6560876 B2 (CARR, MBS) May 13, 2003, abstract; figures 1-3; column 2, lines 59-67 to column 3, lines 1-10			1-14
Y	US 5762515 A (MELE, PC) June 9, 1998; abstract; figure 1; column 2, lines 4-29; column 3, lines 5-12			2, 3, 6
Y	US 7191523 B2 (MIYAZAKI, H et al.) March 20, 2007; abstract; figures 1, 2; column 5, lines 54-67			4
Y	US 7669511 B2 (KING, WA) March 2, 2010; figures 1, 6; column 3, lines 18-39; column 3, lines 65-67 to column 4, lines 1-45			10, 14
Υ ,	GB 2471676 A (AYDIN, O) January 12, 2011; abstract; figures 1-4; pages 3-5			13
A	US 4768531 A (BROUSSARD, A) Septebmer 6, 1988, entire document			1-14
A	US 6499218 B2 (ROCHA, MA) December 31, 2002, entire document			1-14
Further documents are listed in the continuation of Box C.				
"A" docume	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance "T" later document published after the interdate and not in conflict with the applitation to be of particular relevance.			ation but cited to understand
"E" earlier application or patent but published on or after the international filing date "X" document of particular relevance; the considered novel or cannot be considered novel or can			claimed invention cannot be ered to involve an inventive	
cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other combined combined.		"Y" document of parti considered to inv	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination	
means "P" docume	neans being obvious to a person skilled in the priority date claimed document member of the same patent		e art	
	actual completion of the international search	Date of mailing of the international search report		
07 February 2013 (07.02.2013)		2 1 FEB 2013		

Authorized officer:

PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774 Shane Thomas

Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450

Name and mailing address of the ISA/US

Facsimile No. 571-273-3201