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[Continued on next page]

(54) Title: ELECTRIC SHAVER

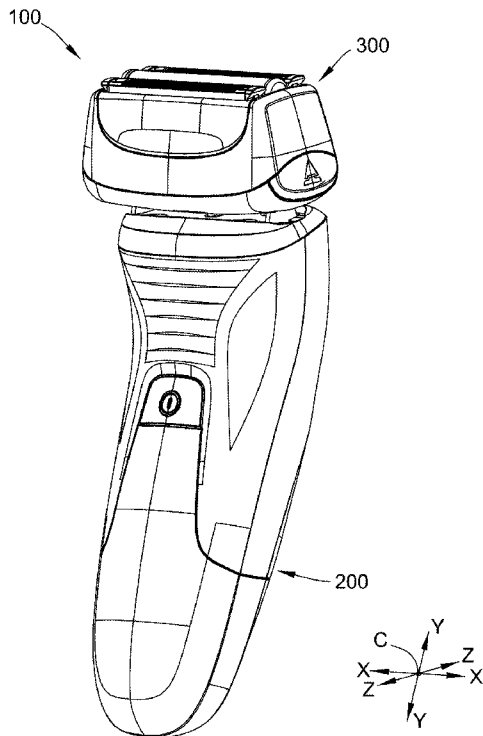


FIG. 1

[Continued on next page]

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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.

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- with international search report (Art. 21(3))
- 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))

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(57) Abstract: An electric shaver generally includes a handle having an arm, and a head mounted on the handle via the arm such that the head is pivotable relative to the arm. The electric shaver also includes a clip by which the head automatically attached to the handle upon insertion of the arm into the head.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US15/43264

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - B26B 19/04; B26B 19/12; B26B 19/38 (2015.01) CPC - B26B 19/048; B26B 19/146; B26B 19/386 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: B26B 19/04, 19/12, 19/14, 19/38 (2015.01) CPC: B26B 19/04, 19/048, 19/12, 19/14, 19/146, 19/38, 19/386 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC: 30/211 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PatSeer (US, EP, WO, JP, DE, GB, CN, FR, KR, ES, AU, IN, CA, INPADOC Data); Google; Google Scholar; ProQuest; Search Terms: electric, powered, shaver, razor, hair, cut, remove, head, pivot, rotate, tilt, clip, catch, lock, snap, engage, arm, support, extension, upright, uprising, yoke, bearing, spindle, O-ring		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,606,799 A (MELTON, S.) 04 March 1997; figures 1-4; column 4, lines 10-20, 30-35, 40-45; column 5, lines 10-15, 50-55	1, 3, 4, 8
X	US 2007/0151106 (STEUNENBERG, R. et al.) 05 July 2007; figure 10; paragraphs [0068], [0069]	1, 7, 9
A	US 2014/0196292 A1 (ROVCAL, LLC) 17 July 2014; entire document	1-9
A	US 7,832,104 B2 (YAMASAKI, M. et al.) 16 November 2010; entire document	1-9
A	US 5,745,995 A (YAMASHITA, Y. et al.) 05 May 1998; entire document	1-9
A	US 3,797,109 A (YAMADA, N. et al.) 19 March 1974; entire document	1-9
A	US 2008/0034591 A1 (FUNG, K.) 14 February 2008; entire document	1-9
A	US 2012/0005900 A1 (ERNDT, A. et al.) 12 January 2012; entire document	1-9
<input type="checkbox"/> Further documents are listed in the continuation of Box C.		<input type="checkbox"/> See patent family annex.
* Special categories of cited documents:		
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" 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 being obvious to a person skilled in the art	
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	
"P" document published prior to the international filing date but later than the priority date claimed		
Date of the actual completion of the international search	Date of mailing of the international search report	
10 December 2015 (10.12.2015)	02 FEB 2016	
Name and mailing address of the ISA/ Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-8300	Authorized officer Shane Thomas PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774	

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US15/43264

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

-Please See Supplemental Page-

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Group I: claims 1-9;

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.