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**A. CLASSIFICATION OF SUBJECT MATTER*****B26B 27/00(2006.01)i, B26B 9/02(2006.01)i, B25B 33/00(2006.01)i, B63C 11/52(2006.01)i***

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)

B26B 27/00; B26B 9/02; B25B 33/00; B63C 11/52

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) &amp; Keywords: diver, knife, blade, protect, overhang, coating, and similar terms

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 2003-0213133 A1 (HANNA, ROBERT, J.) 20 November 2003 See paragraphs 18-19, 23-24, 28, 34, and figure 2.	1-5,7,11-17 6,8-10
Y	US 2003-0131478 A1 (FENG, JONATHAN) 17 July 2003 See paragraph 7.	6,8-10
X Y	US 5590471 A (WIEZENTHAL, SAUL) 07 January 1997 See abstract, and figure 2.	1-5,7,11-17 6,8-10
X Y	JP 3068094 U (PRIMA MEAT PACKERS, LTD.) 02 February 2000 See abstract, and figure 1.	1-5,7,11-17 6,8-10

 Further documents are listed in the continuation of Box C. 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

"E" earlier application or patent but published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

"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

"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

"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

"&amp;" document member of the same patent family

Date of the actual completion of the international search

30 MAY 2011 (30.05.2011)

Date of mailing of the international search report

**31 MAY 2011 (31.05.2011)**

Name and mailing address of the ISA/KR

Korean Intellectual Property Office  
Government Complex-Daejeon, 189 Cheongsa-ro,  
Seo-gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

LEE, Eunju

Telephone No. 82-42-481-5469



**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/US2010/002293**

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003-0213133 A1	20.11.2003	US 2005-0150115 A1	14.07.2005
US 2003-0131478 A1	17.07.2003	US 6668460 B2	30.12.2003
US 5590471 A	07.01.1997	None	
JP 3068094 U	02.02.2000	None	