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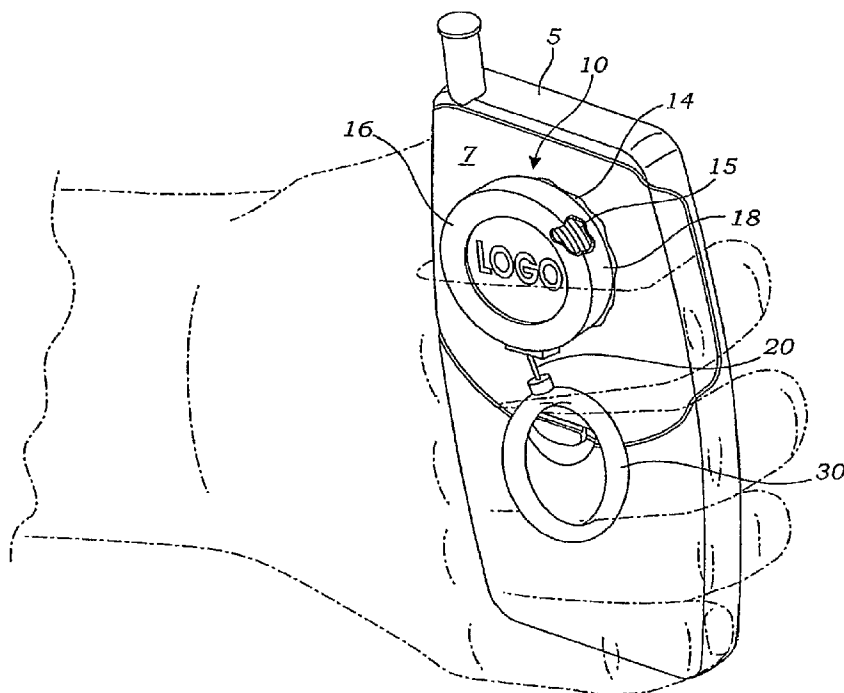
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(54) Title: STICK-ON SECURITY RING FOR A HAND HELD DEVICE



(57) Abstract: A button provides an adhesive flat bottom surface for attachment to a cell phone or similar hand held device. A leash extends from the button and terminates with a finger ring. When the device is held in a hand with one finger secured in the ring, the device is secured in the hand so that it is less likely to fall. The ring may be an extension of the leash, both a part of an elastic cord loop where the leash is secured within the button and the ring extends away from the button- The leash may be retractable.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/12271

A. CLASSIFICATION OF SUBJECT MATTER IPC: B65H 75/40(2006.01);A61C 19/00(2006.01) USPC: 224/217,162 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) U.S. : 224/217,162,666,671,674 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)												
C. DOCUMENTS CONSIDERED TO BE RELEVANT												
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.										
X	US 6,419,175 B1 (RANKIN, VI) 16 July 2002 (16.07.2002), see entire document.	1, 3, 11										
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Y		2										
Y	US 6,487,756 B1 (VIDAL, JR.) 03 December 2002 (03.12.2002), column 2, lines 5-9.	2										
A	US 6,502,727 B1 (DECOTEAU) 07 January 2003 (07.01.2003), see entire document.	1-3, 11										
☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.												
* Special categories of cited documents: <table border="0"> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"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</td> </tr> <tr> <td>"E" earlier application or patent published on or after the international filing date</td> <td>"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</td> </tr> <tr> <td>"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)</td> <td>"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</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			"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 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	
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"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 20 August 2008 (20.08.2008)		Date of mailing of the international search report 10 SEP 2008										
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		Authorized officer Nathan Newhouse Telephone No. 571-272-4544										

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/12271

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 Continuation Sheet

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 any 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.: 1-3 and 11

- 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.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US07/12271

BOX III. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid. The species are as follows:

- I. A button and ring with a retractable reel (Figures 1-2)
- II. A button and ring with a recess (Figures 3-4)
- III. A button and ring with two fingers (Figures 5-6)
- IV. A button and ring with plural concentric recesses (Figures 7-12)
- V. A button and ring with plural opening in the peripheral edge (Figures 13-14)
- VI. A button and ring forming an integral elastomeric disc (Figures 15-17).

The claims are deemed to correspond to the species listed above in the following manner:

- I. Claims 1-3, and 11
- II. Claims 1, and 4
- III. Claims 1, and 5
- IV. Claims 1, 2, 6, and 7
- V. Claims 1, 2, and 8
- VI. Claims 1, 9, and 10

The following claim(s) are generic: claim 1.

The species listed above do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, the species lack the same or corresponding special technical features for the following reasons: the common technical feature in all groups is a button with a leash and ring. This element cannot be a special technical feature under PCT rule 13.2 because the element is shown in the prior art. US Patent 471,854 teaches the use of a button, leash and ring for securing to an article (seen in Figures 1 and 2) substantially as claimed in claims 1-2. This reference specifically discloses using the button, leash, and ring to secure an article to a user's finger.