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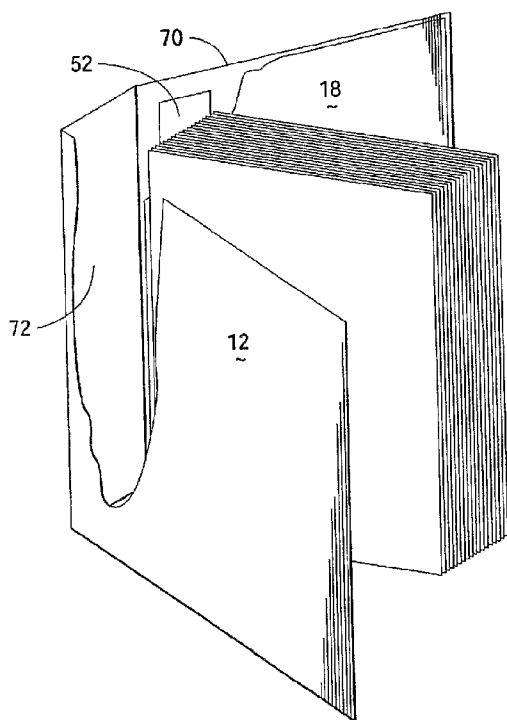
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[Continued on next page]

(54) Title: HARD COVER PRODUCT WITH CONCEALED SECURITY DEVICE AND METHOD OF MANUFACTURE



(57) Abstract: A hard cover product (10) having an outer line« d2) attached to a pair of sheet members (14,16) disposed in spaced-apart relation to define a gap (22). One of the hard sheet members defines a receiving zone that receives a security tag (24). An inner liner (18) attaches overlying the pair of hard sheet members and concealing the security tag within the receiving zone. The gap (22) between the pair of sheet members dines a spine for the hard cover product, whereby the opposing hard sheets refining a front cover and back cover that move together foldably. The hard cover product can be made from an intermediate cover board in which a primary sheet has a first thickness and opening planar surfaces define an opening in a selected portion of the sheet to receive a security device (24). A pair of opposing secondary sheets laminate to the opposing planar surfaces of the primary sheet to enclose the security. The hard cover product defines a gap in spine portion which receives a security device (24).

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/13105

A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **G08B 13/14**

USPC: 340/572.1, 572.3, 572.7, 572.8, 539.1, 540, 541
 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. : 340/572.1, 572.4, 572.7, 572.8, 539.1, 540, 541

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)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,222,453 B1 (JOYCE) 24 April 2001, fig.1, col.1, lines 12-16, lines 32-33, col.2, lines 4-20.	1-6 & 8-10
Y	US 5,620,271 A (BERGH et al.) 15 April 1997, figs.1,13, col.1, lines 10-16, col.2, lines 51-54, col.4, lines 21-24, lines 56-59.	7, 11-17 & 70-75
Y	US 5,762,377 A (CHAMBERLAIN) 09 June 1998, figs.1-2,4, col.2, lines 8-12, col.4, lines 33-57, col.5, lines 13-29, col.7, lines 29-41.	20-37 & 45-60
Y	US 6,276,523 B2 (SANDERS) 21 August 2001, fig.2, col.6, lines 9-10 and lines 27-28.	20-37 & 45-60
Y	US 6,100,804 A (BRADY et al.) 08 August 2000, fig.21, col.17, lines 18-20.	61-75

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"E" earlier application or patent published on or after the international filing date	"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
"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)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/13105

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:
two groups

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.: 1-17, 20-33 & 38-75
- 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/US05/13105

Continuation of B. FIELDS SEARCHED Item 3:

(tag\$3 or barcode or "ID" or "RFID" or transponder or identif\$7) and (frame\$1 or cover or storage or case\$1) near15 ("CD" or "DVD" or book\$1 or folder\$1 or document\$1 or compact\$1 near5 disc\$1) and spine\$1 and thickness