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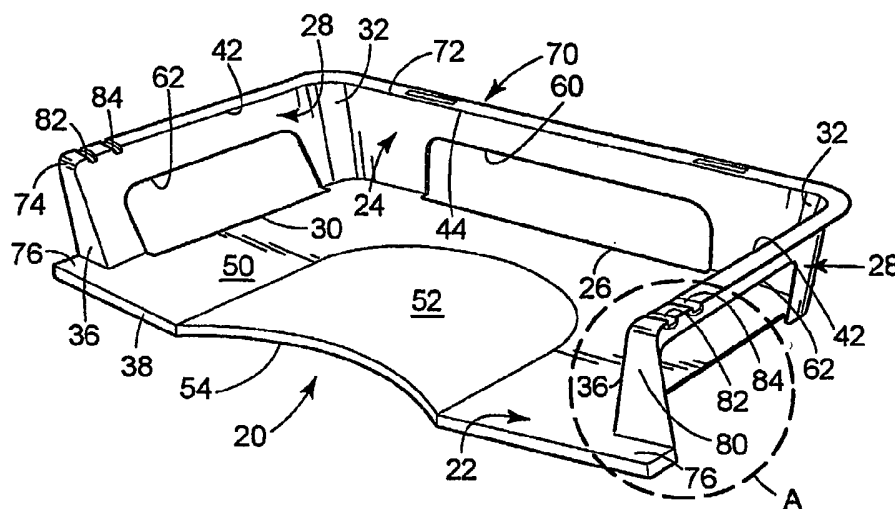
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- Published:
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[Continued on next page]

(54) Title: NESTABLE AND STACKABLE DOCUMENT STORAGE TRAYS



(57) Abstract: Document storage trays (20) are disclosed that may be stacked in at least two different configurations including a "nesting" stack where an upper tray fits within the storage area of a lower tray and, in turn, is also able to receive a tray within its own storage area so that multiple trays can be stacked nested together. The document storage trays (20) may also be stacked in a vertical configuration and the trays include appropriately placed slots, detents, bosses and legs for a stable vertical stacking configuration so that multiple trays may be stacked one on top of another and form a stable structure. At least one embodiment further enables the trays to be stacked in a cascaded form so that front edges of the trays are staggered laterally from the bottom tray to the top tray. At least one embodiment includes a built-in collating function so that each tray is able to receive document. Document storage trays are disclosed that may be stacked in at least two different configurations including a "nesting" stack where an upper tray fits within the storage area of a lower tray and, in turn, is also able to receive a tray within its own storage area.



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9 March 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2005/011778

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B42F/12

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 7 B42F

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 practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 102 06 516 A1 (JURIC, IGOR) 7 November 2002 (2002-11-07) paragraphs [0007] - [0029]; figures 1-3	1
Y	-----	7,8
Y	DE 203 09 873 U1 (JURIC, IGOR) 4 September 2003 (2003-09-04) page 1, line 17 - page 6, line 26; figures 1-3	7,8
A	----- DE 85 04 841 U1 (HAN-BUEROGERAETE GMBH & CO KG, 4800 BIELEFELD, DE) 15 May 1985 (1985-05-15) the whole document ----- -/--	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in 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 document but published on or after the international filing date

"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)

"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

"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.

"&" document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/011778

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 332 889 A (HERLITZ PBS AKTIENGESELLSCHAFT) 6 August 2003 (2003-08-06) paragraphs [0015] - [0028]; figures 2,4 -----	1,2
A	DE 12 24 705 B (FA. LOUIS LEITZ) 15 September 1966 (1966-09-15) the whole document -----	1
A	DE 92 16 203 U1 (JOKEY-PLASTIK WIPPERFUERTH GMBH, 5272 WIPPERFUERTH, DE) 14 January 1993 (1993-01-14) the whole document -----	1

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2005/011778

Box 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 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:

see additional 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 an additional fee, this Authority did not invite payment of any additional fee.
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.:

1-4, 7, 8

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1,2,3,4,7,8

Tray with increased torsional rigidity

2. claims: 1,5,6

Tray with handles

3. claims: 1,9-12,22-30

Tray with means for positioning

4. claims: 13-21

Tray with increased accessibility

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/011778

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			WO 2004089647 A2	21-10-2004
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