



- (51) International Patent Classification:
A47G 21/10 (2006.01)
- (21) International Application Number:
PCT/GB2012/050459
- (22) International Filing Date:
1 March 2012 (01.03.2012)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
1103472.5 1 March 2011 (01.03.2011) GB
- (72) Inventor; and
- (71) Applicant : LY, Tony [GB/GB]; 8 Lower Moat Close,
Stockport, Cheshire SK4 1SZ (GB).
- (81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,

MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,
OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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.

- (84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE,
DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU,
LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,
SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

- 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))

- (88) Date of publication of the international search report:
27 December 2012

(54) Title: HANDLING IMPLEMENT

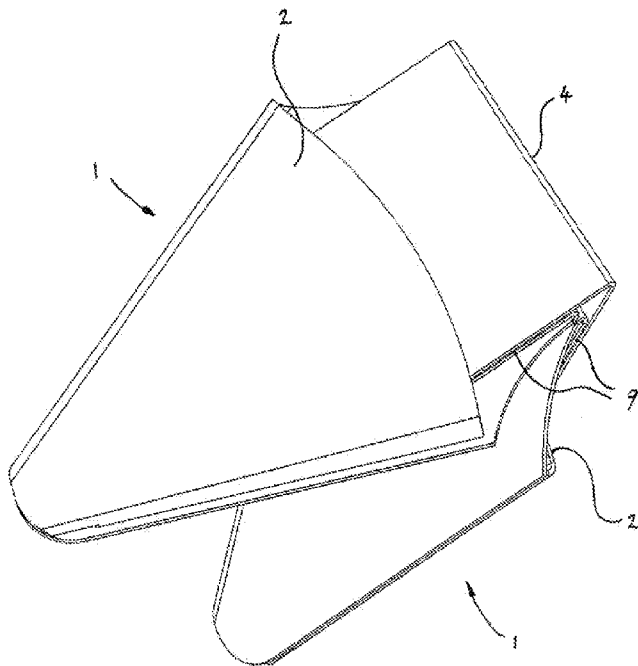


FIGURE 1

(57) Abstract: A handling implement is described which comprises a pair of jaws (1) formed from a single layer of sheet material and hinged to one another at a fold line (4) in the sheet material. Another handling implement, is described which comprises a pair of jaws (1) formed from a single layer of sheet material, each jaw comprising a pleat (9) in the sheet material. A method of forming such a handling implement is also described, comprising the steps of cutting a plan from a single piece of sheet material, folding the plan to form a pair of pockets (2), and providing as least one fold line between said pockets.



INTERNATIONAL SEARCH REPORT

International application No
PCT/GB2012/050459

A. CLASSIFICATION OF SUBJECT MATTER INV. A47G21/10 ADD.		
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) A47G A47J		
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) EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 407 927 A (ARTHUR JONES STEPHEN) 29 October 1968 (1968-10-29) column 2, line 16 - column 3; figures -----	1-7, 9-19, 21-23, 27,30-33
X,P	WO 2011/081402 A2 (KO HYUNKYU KO HYUNKYU [KR]) 7 July 2011 (2011-07-07) figures -----	1-7, 9-28, 30-33
X	US 2003/131393 A1 (VOTOLATO EARL J [US]) 17 July 2003 (2003-07-17) paragraph [0021] - paragraph [0028]; figures ----- -/--	1-7, 11-19, 21-23, 27,30-33
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" 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 "E" earlier application or patent 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 16 October 2012		Date of mailing of the international search report 22/10/2012
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016		Authorized officer Van Bastelaere, Tiny

INTERNATIONAL SEARCH REPORT

International application No

PCT/GB2012/050459

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 938 515 A (FAZIO SEBASTIAN C [US]) 3 July 1990 (1990-07-03) column 2, line 46 - column 4, line 20; figures -----	1-7, 9-19, 21-23, 27,30-33

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2012/050459

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.: 34, 35
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:
see FURTHER INFORMATION sheet PCT/ISA/210

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:

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 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.:

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.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 34, 35

Claims 34 and 35 contain references to the description and/or the drawings. According to Rule 6.2(a) PCT, claims should not contain such references except where absolutely necessary, which is not the case here. Therefore these claims lack clarity and a meaningful search is not possible.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.2), should the problems which led to the Article 17(2) declaration be overcome.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB2012/050459

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 3407927	A	29-10-1968	DE 1942896 U
			GB 1088654 A
			US 3407927 A

WO 2011081402	A2	07-07-2011	KR 20110078608 A
			WO 2011081402 A2

US 2003131393	A1	17-07-2003	CA 2412311 A1
			US 2003131393 A1

US 4938515	A	03-07-1990	NONE
