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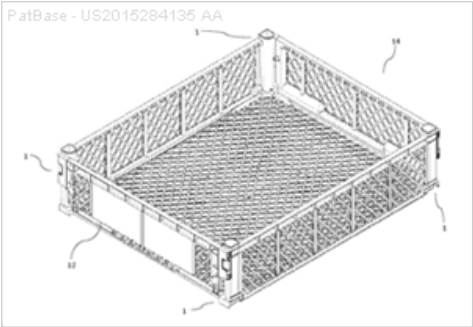
Records: 8 (1-8 of 8)
Export type: Family Export

1. Family 58070108 (US2015284135 AA)

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Title
[EN] LIGHT AND INTEGRATED JUNCTION SYSTEM OF THE WALLS OF A COLLAPSIBLE CONTAINER

Abstract
[EN] The present invention comprises a junction system of structures, preferably for container walls, which is light and is integrated to the structures to be joined providing high strength and rigidity reducing the weight of the joint, which comprises at least a closing device having at least a pair of closing means, a male closing mean and a female closing mean, wherein said closing means join at least two structures together, or two adjacent faces of a container for fruit and vegetable products, preferably the side faces, being fixed to said structures or faces; further comprising a column fixed to one of said structures, wherein said column is configured as a hollow cylindrical body which in turn is integrated to at least one of said closing means. Furthermore, the invention comprises an associated container and its manufacturing process.



International Class: B65D1/34; B65D21/02; B65D21/06; B29C45/73; B65D1/22; B65D6/18; B29C45/00; B65D21/036; B65D85/34; B65D6/16; B65D6/34; B65D6/04; B65D6/24; B65D6/26; B29C33/00; B29C33/02; B29C33/40; B29C45/72; B65D
Cooperative Patent Class: B29C45/0017; B29L2031/7162; B65D11/18; B65D11/1833; B65D11/1866; B65D11/22; B65D21/0209; B65D85/34
US Class: 206/503; 220/4.33; 264/242

Family Information

Patent Number	Publication Date	Application Number	Application Date
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AU2015201265 AA	20151022	AU20150201265	20150311
AU2015201265 BB	20191205	AU20150201265	20150311
BR102015003551 A2	20170509	BR20151003551	20150219
BR102015003551 B1	20211013	BR20151003551	20150219
CL2014000879 A1	20141010	CL20140000879	20140408
CL56058 B	20180605	CL20140000879	20140408
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PE20181281 A1	20180807	PE20180001087	20140714
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US2015284135 AA	20151008	US20150639370	20150305
ZA201501190 A	20170927	ZA20150001190	20150220

Priority Numbers: CL20140000879 [20140408]; NZ20150704860 [20150304]
Probable Patent Assignee: WENCO SA

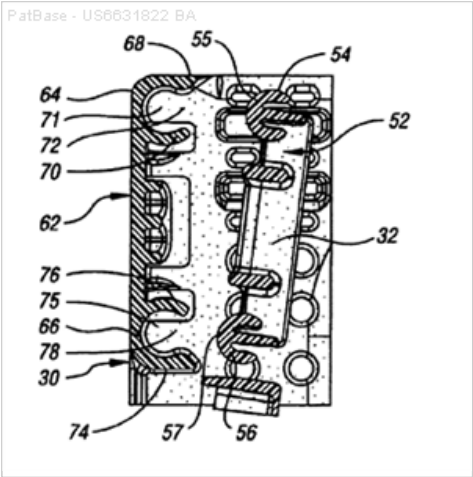
Assignees: WENCO S A; WENCO SA; GUILLERMO MOYANO PORCILE
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Non Std Inventors: FRANCISCO; CHINNI VERGOTTINI; SAHLI COSTABAL; PEDRO
Agent(s): GRIFFITH HACK; ESTUDIO CAREY LTDA; HECTOR ELIAS CHAGOYA CORTES; ULMER AND BERNE LLP; ULMER AND BERNE LLP

2. Family 29929568 (US6631822 BA)

[View in PatBase](#)

Title
[EN] COLLAPSIBLE CONTAINER

Abstract
[EN] A collapsible container includes a floor member having first and second pairs of opposed edges, a first pair of opposing side walls each pivotably attached to the first pair of opposed edges of the base, where each of the first pair of opposing side walls have a pair of lateral edges and a latch member extending therefrom. Also included is a second pair of opposed side walls each pivotably attached to a corresponding one of the second pair of opposed edges of the base, each of the second pair of opposed side walls have a pair of opposed lateral flanges inwardly depending therefrom and formed integrally therewith. Each lateral flange has an inner surface with a latch receiving portion formed therein, the latch receiving portion includes at least one clip member which has a spring portion flexible between a first position and a second position for accepting the latch member. Thus, when the container is oriented in an assembled position, the clip receives a corresponding latch member, and wherein to move the container to an inwardly collapsed position from the assembled position, a force is exerted against an exterior surface of each of the first pair of opposed sidewalls, the force sufficient for the latch member to overcome the spring portion and be released from the clip member.



International Class: B65D6/00; B65D6/12; B65D6/16; B65D6/18; B65D6/24; B65D6/26; B65D6/28; B65D8/04; B65D8/14; B65D6/34

Cooperative Patent Class: B65D11/1833

US Class: 220/4.1; 220/4.28; 220/42.8; 220/6; 220/7

Family Information

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BRPI0114985 A	20031230	BR2001PI14985	20011011
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CA2426949 AA	20030424	CA20012426949	20011011
CA2426949 C	20090407	CA20012426949	20011011
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Priority Numbers: US20000698654 [20001028]; WO2001US31701 [20011011]; EP20010983943 [20011011]; US20030677499 [20031001]

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Non Std Assignees: REHRIG PACIFIC COMPANY; REHRIG PACIFIC CO LOS ANGELES

Inventors: OVERHOLT TRENTON M

Non Std Inventors: TRENTON M OVERHOLT; OVERHOLT; TRENTON M; OVERHOLT TRENTON M MANHATTAN BEACH

Agent(s): MACRAE AND CO; VILLASECA; DEHNS; LECKEY DAVID HERBERT

Designated States: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR; AE; AG; AL; AM; AU; AZ; BA; BB; BF; BG; BJ; BR; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; CZ; DM; DZ; EC; EE; GA; GD; GE; GH; GM; GN; GQ; GW; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LV; MA; MD; MG; MK; ML; MN; MR; MW; MX; MZ; NE; NO; NZ; PH; PL; RO; RU; SD; SG; SI; SK; SL; SN; SZ; TD; TG; TJ; TM; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW

3. Family 68637952 (US2018346184 AA)

[View in PatBase](#)

Title
[EN] PLASTIC CONTAINER BELOW 450 GR FOR HORTICULTURE PRODUCTS EXPORTS

Abstract
[EN] Plastic container below 450 gr for horticulture products exports formed by a bottom, two large walls facing each other, two small walls facing each other and an upper closure system, the container has an optimized structure which allows to efficiently resist the forces to which it is subjected and to control deformation for the purpose of ensuring all the time and under any conditions the integrity and quality of the products contained inside.

International Class: B65D6/08; B65D6/18; B65D85/00; B65D1/32; B65D1/42; B65D85/34; B65D21/00; B65D5/00; B65D6/00; B65D1/34; B65D85/30; B65D5/42; B65D43/00; B65D43/12; B65D21/02; B65D81/00; B65D5/26; B65D77/26; B65D1/02; B65D63/16; B65D5/44; B65D88/12; B65D90/02; B65D1/38; B65D1/40; B65D1/46; B65D1/00; B65D1/22; B65B25/04; B65D25/10; B65D6/34; B65D19/02; B65D19/04; B65D21/032; B65D6/16; B29L31/00; B65D25/28; B65D19/38; B65D88/02; A44B11/25; B65D43/22; B65D51/18; B65D55/02; E05B65/52

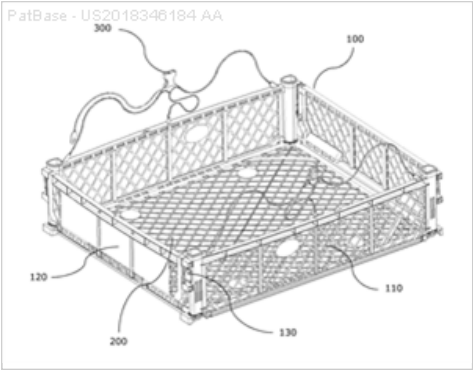
Cooperative Patent Class: B65B25/046; B65D11/14; B65D11/1833; B65D11/26; B65D21/0212; B65D21/0215; B65D25/101; B65D25/102; B65D63/16; B65D85/34; B65D77/26; B65D1/0261; B65D21/02; B65D21/00; B65D1/34; B65D5/42; B65D5/44; B65D85/30; B65D88/12; B65D90/02

US Class: 1/1; 220/324; 220/4.27; 220/669

Locarno Class: 09/07; 09/03

Family Information

Patent Number	Publication Date	Application Number	Application Date
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CO20180005690 U1	20190531	CO20180005690U	20180530
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PE20181526 Z	20180926	PE20180001051U	20180530
PE20181527 Z	20180926	PE20180001052U	20180530
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US2018346187 AA	20181206	US20180994082	20180531
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US2018346189 AA	20181206	US20180994169	20180531
US2018346190 AA	20181206	US20180994211	20180531
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Priority Numbers: US20170514360P [20170602]; US20180993948 [20180531]; US20180993982 [20180531]; US20180994020 [20180531]; US20180994082 [20180531]; US20180994124 [20180531]; US20180994169 [20180531]; US20180994211 [20180531]; US20180994251 [20180531]

Probable Patent Assignee: WENCO SA

Assignees: WENCO SA; WENCO S A

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Designated States: AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB; BE; BF; BG; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CH; CI; CL; CM; CN; CO; CR; CU; CY; CZ; DE; DJ; DK; DM; DO; DZ; EC; EE; EG; ES; FI; FR; GA; GB; GD; GE; GH; GM; GN; GQ; GR; GT; GW; HN; HR; HU; ID; IE; IL; IN; IR; IS; IT; JO; JP; KE; KG; KH; KM; KN; KP; KR; KW; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY; MA; MC; MD; ME; MG; MK; ML; MN; MR; MT; MW; MX; MY; MZ; NA; NE; NG; NI; NL; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SI; SK; SL; SM; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

4. Family 8335145 (US5287981 A)

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Title
[EN] COLLAPSIBLE CHEESE CONTAINER

Abstract
[EN] A collapsible container for making and transporting cheese is made with four interlocking wall panels. Each of the panels is molded from a resin material with ribbed construction and with locking elements for engaging adjacent panels. The locking elements provide mechanical interlocks against relative movements of the panels along two axes that extend normal to the panels and frictional interlocks against relative movements of the panels along a third axis that extends normal to the other two axes. The mechanical interlocks also transmit a preload torque that resists angular diverging movements between the panels about the third axis. The preload torque bows the panels toward an interior space of the container before the container is filled with cheese.

International Class: A01J25/02; A01J25/13; A01J25/16; B65D6/16; B65D6/24; B65D85/76; A23C19/00

Cooperative Patent Class: A01J25/13; A01J25/162

US Class: 220/1.5; 220/4.28; 220/4.31; 99/458

Family Information

Patent Number	Publication Date	Application Number	Application Date
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CA2071776 C	20030218	CA19922071776	19920622
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Priority Numbers: US19910723434 [19910628]; CA19922071776 [19920622]; US19930011462 [19930127]

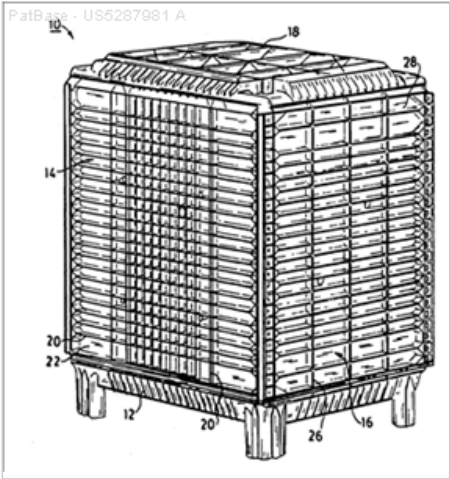
Probable Patent Assignee: AR ARENA PRODUCTS INC

Assignees: A R ARENA PRODUCTS INC; AR ARENA PRODUCTS INC; WHEELER WILLIAM E

Inventors: WHEELER WILLIAM E

Non Std Inventors: WILLIAM E WHEELER

Agent(s): PHILLIPS ORMONDE FITZPATRICK; KIRBY EADES GALE BAKER



5. Family 54628577 (US2013221630 AA)

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Title
[EN] STORAGE SYSTEM

Abstract
[EN] A storage assembly is provided that includes plural bins having registering vertical dovetail slots. Connecting rods having reverse expanding dovetail formations are used to slide into the registering vertical dovetail slots of the side-by-side bins to fix the side-by-side bins together. The same dovetail slots on the bins can be used to mount accessories such as golf bag retainers, baseball bat racks, storage bins or other components.

International Class: B62B3/00; B65D6/08; B65D6/00

Cooperative Patent Class: B62B2202/40; B62B2202/404; B62B2202/407; B62B2207/02; B62B3/002; B62B3/005; B62B3/008; B62B3/02; B62B3/10; B65D7/12

US Class: 1/1; 220/23.83; 220/4.33; 280/79.2

Family Information

Patent Number	Publication Date	Application Number	Application Date
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US2013221630 AA	20130829	US20130768976	20130215
US9139331 BB	20150922	US20130768976	20130215
WO14127248 A1	20140821	WO2014US16503	20140214

Priority Numbers: US20130768976 [20130215]; WO2014US16503 [20140214]; US20120604995P [20120229]

Probable Patent Assignee: TSS LLC

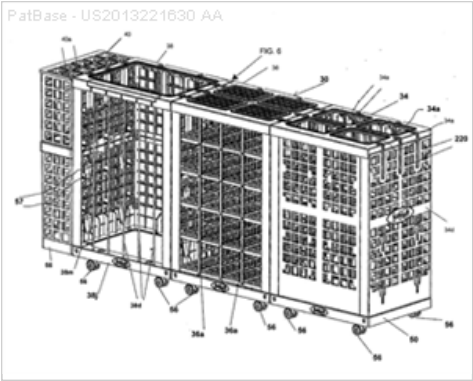
Assignees: TAVOLINO MARK

Non Std Assignees: ANTARES CAPITAL LP ADMINISTRATIVE AGENT AS; ARES CAPITAL ADMINISTRATIVE AGENT AS CORP; TSS LLC

Inventors: TAVOLINO MARK

Agent(s): BERESKIN AND PARR LLP SENCRL SRL; LEVENFELD PEARLSTEIN LLC; NEWMAN DAVID L; ARNSTEIN AND LEHR LLP

Designated States: AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB; BE; BF; BG; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CH; CI; CL; CM; CN; CO; CR; CU; CY; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; FR; GA; GB; GD; GE; GH; GM; GN; GQ; GR; GT; GW; HN; HR; HU; ID; IE; IL; IN; IR; IS; IT; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY; MA; MC; MD; ME; MG; MK; ML; MN; MR; MT; MW; MX; MY; MZ; NA; NE; NG; NI; NL; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SI; SK; SL; SM; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

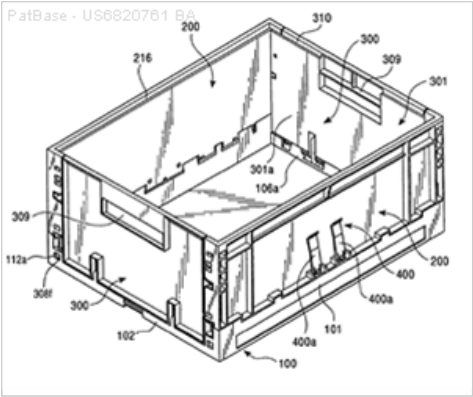


6. Family 15440431 (US6820761 BA)

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Title
[EN] FOLDING CONTAINER

Abstract
[EN] The present invention relates to a folding container having a bottom portion 100 having locking blocks 108, 109, 113 formed thereon and on which the bottom portion of a folded folding container can be fitted, and side walls having recesses 210, 307 formed therein and each having an open underside into which the corresponding locking block of an assembled folding container can be inserted, wherein engagement frame sections 207, 308 are used to mutually engage the side walls and to engage the side walls with the bottom portion. Therefore, folded folding containers can be stably stacked up, and the folding container can be strongly assembled in the form of a box because the engagement frame sections are used to mutually engage the side walls and to engage the side walls with the bottom portion.



International Class: B65D6/16; B65D6/18; B65D6/22

Cooperative Patent Class: B65D11/1833

US Class: 206/600; 220/6; 220/7

Family Information

Patent Number	Publication Date	Application Number	Application Date
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CA2316423 C	20060711	CA20002316423	20000818
DE60031358 D1	20061130	DE20006031358T	20000831
DE60031358 T2	20070823	DE20006031358T	20000831
EP1114779 A2	20010711	EP20000118857	20000831
EP1114779 A3	20031126	EP20000118857	20000831
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JP3707973 B2	20051019	JP19990317865	19991109
US6820761 BA	20041123	US20000635693	20000810

Priority Numbers: JP19990317865 [19991109]; CA20002316423 [20000818]

Probable Patent Assignee: SANKO CO LTD

Assignees: SANKO CO LTD

Non Std Assignees: SANKO CO; YAMAUCHI HISATOSHI; MOURI HITOSHI

Inventors: YAMAUCHI HISATOSHI; MOURI HITOSHI; MORI HITOSHI; YAMAUCHI HISTATOSHI

Non Std Inventors: HITOSHI MOURI; HISTATOSHI YAMAUCHI

Agent(s): GOUDREAU GAGE DUBUC; WESTERMAN HATTORI DANIELS AND ADRIAN LLP

Designated States: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

7. Family 43318985 (JP2009096498 A2)

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Title
[EN] FOLDABLE CONTAINER

Abstract
[EN] PROBLEM TO BE SOLVED: To make it possible to stand side walls under laid down condition rapidly, surely and approximately vertically. SOLUTION: A locking projection 7a for preventing a horizontal side wall from being raised up is formed on a locking hook 7 of a female hinge member H1 arranged on the bottom part 1. When a side wall 2 under a horizontal condition is raised up, a locking block part 9 of a male hinge member H2 arranged on the side wall 2 is brought into contact with the locking projection 7a for preventing the horizontal side wall from being raised up. In addition, when the side wall 2 under a vertical condition is raised up, the locking block part 9 of the male hinge member H2 arranged on the side wall 2 is brought into contact with the locking hook 7 of the female hinge member H1 arranged on the bottom part 1. As a result, as in the case of a conventional foldable container, there is no concern of bringing an engaging block into contact with the bank part of the bottom part, or running aground on the bank part, and accordingly, it is possible to stand the side walls under laid down condition rapidly, surely and approximately vertically.

International Class: B65D6/18

Family Information

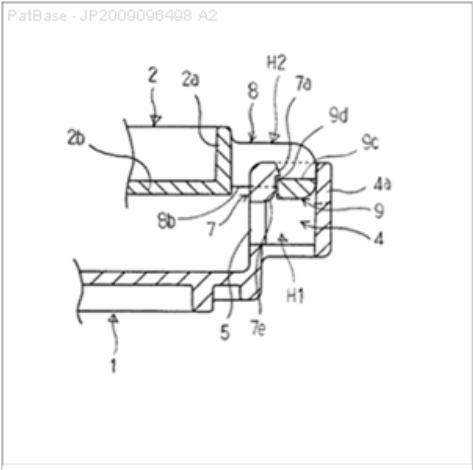
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Probable Patent Assignee: SANKO CO LTD

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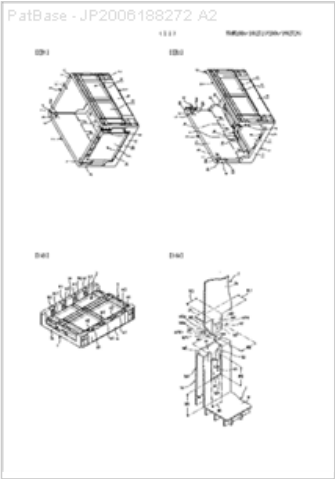
8. Family 33290890 (JP2006188272 A2)

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Title
[EN] FOLDABLE CONTAINER

Abstract
[EN] PROBLEM TO BE SOLVED: To prevent a lifting-up of a side wall in the prior art foldable container. SOLUTION: An anti-lifting up engagement block 8 is formed at a male hinge member H2' arranged in at least one opposing side wall 3, a recess notch 9 into which the anti-lifting up engagement block 8 is formed below a hook h3 constituting a female hinge member H1' installed at a bank 1b at the bottom part 1 corresponding to the one opposing side wall 3, and when the foldable container is assembled into a box shape, the anti-lifting up engagement block 8 is substantially abutted against an eaves h3b of the hook. Even if the side wall of the foldable container assembled into the box shape is held and lifted up, the side wall does not float up from the bottom part and a workability in handling operation such as a transportation or transfer of the foldable container assembled into a box-shape is improved.

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Family Information

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