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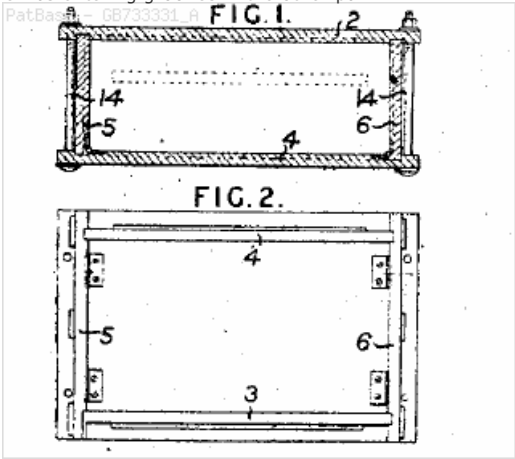
Title: Knoch-down boxes.

Abstract: Source: GB733331A 733,331. Knoch-down boxes. HOLMES, W. April 9, 1951 [April 9, 1950], No..8844/50. Class 18. A knock-down box has two opposite sides 5, 6 hinged to the bottom, the other two sides 3, 4 and lid 2 being removable, some of the members being grooved to receive the others. As shown, the top and bottom are grooved, to receive the sides and the sides 5, 6 are grooved to receive the sides 3, 4. Rubber c. strips may be fitted in the grooves to give hermetic sealing. Bolts 14 hold the case erect and shorter bolts are used to secure the collapsed box in which the sides are held between the base and lid. Strengthening battens may be fitted to the sides. In an alternative form the base and lid may have ribs entering grooves in the sides and one pair of sides may have ribs entering grooves in the other pair.

Classifications:

International (IPC 8-9): B65D6/22 (Advanced/Invention);
B65D6/18 (Core/Invention)

International (IPC 1-7): B65D6/22



Family:

Publication number	Publication date	Application number	Application date
GB733331 A	00000000		00000000

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
GB733331 A	00000000	LSGT	+	granted / extensions (spc, cpc, pte)	

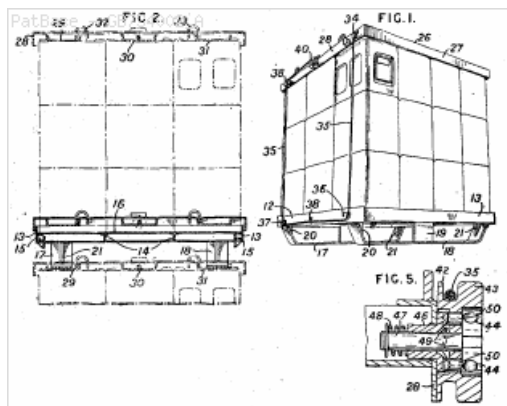
Title: Bundling.

Abstract: Source: GB734002A 734,002. Bundling. SHARP, J. R., and KAYE, E. Aug. 5, 1952 [May 4, 1951; Sept. 4, 1951] Nos. 10540/51 and 20873/51. Class 94(1). [Also in Group XXX] A cover which may be drawn down by tension means to clamp goods in position on a pallet or goods - supporting platform is held captive to the platform by the tension means. In the arrangement of Fig. 1 a wire cable 35 on each of two opposite sides of the pallet passes from an anchorage 34 on the cover 26 around guides 36, 37 on the pallet, and around a guide 38 on the cover to a winch 40 by which the cable is drawn taut. An eye 38 on the pallet holds captive a ball or head (not shown) at the end of the cable 35, when this is released from the winch 40, to prevent complete separation of the cover 26 from the pallet. When no load is carried on the pallet the cover is held against it by wrapping the cable 35 round the guides 36, 37, 38 several times before tightening it by means of the winch 40. The pallet illustrated comprises angle members 12, 13 welded at the corners and a sheet metal **floor** 16, Fig. 2, welded to traverse members 14, 15 which are in turn welded to the channel members 12, 13. Runners 17, 18 welded to the underside of the pallet provide for four-way entry and are stiffened by welded webs 20, 21, by welded plates 19, and, if desired, by creasing each runner upwardly along its middle. The cover 26 comprises angle members 27, 28 welded at the corners and joined by transverse sheet metal members 29, 30, 31 the outer members 29, 31 of which are adapted to receive the runners 17, 18 of a further pallet stacked above. Lifting eyes 32, 33 are welded to the cover. According to the first Provisional Specification the pallet and cover may be joined on each of two sides by two pairs of toggle links, the joints of which are drawn together by a length of cord, by a chain provided with a toggle shortening device, or by a screw-tensioning device, to **collapse** the cover on to the goods. The toggle links on opposite sides may be fast on common spindles. Both the pallet and the cover may comprise light alloy castings, the pallet being in the form of a surround frame cast in one piece with a **floor** formed with ribs by which it is divided into a number of rectangular cells over which a thin sheet of light alloy is welded to form the load platform. The pallet may rest on cast light alloy skids of a similar configuration to those shown in Fig. 1 and welded to the platform. The toggle links fold into channels along the side of the pallet. Channels on the cover overlie those on the pallet. This subject-matter does not appear in the Complete Specification. The winch 40 may comprise, Fig. 5, a flanged drum 42 fast with an axle 47 mounted in a bushing 46 welded to the frame 28 of the cover. A spring 48 urges the drum 42 towards the cover so that inserted pawls 50 in the drum engage ratchet teeth 49 on the bushing 46. The end of the cable 35 carries a ball (not shown) adapted to be inserted in a lateral passage in the head 43 of the drum 42, and radial passages 44 are provided to take a Tommy bar. In an alternative construction of the winch 40, Fig. 6 (not shown), an external spring-biased pawl engages ratchet teeth on the flanges of the winch drum and is provided with a striking plate which may be struck by a hammer to release the pawl. The spindle of the pawl is carried by a U-shaped bracket welded to the cover 26 and partially enclosing the winch. Specifications 3406/04, [Class 94], 288,020, [Class 94 (i)], and 362,741, [Group XXX], are referred to.

Classifications:

International (IPC 1-7): B65D19/44

CPC: B65D71/0096 B65D2571/00055



Family:

Publication number	Publication date	Application number	Application date
GB734002 A	00000000		00000000

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
GB734002 A	00000000	LSGT	+	granted / extensions (spc, cpc, pte)	

Abstract: Source: DE1073378A (Claim1) ssssWARNUNGssss Anfang CLMS Feld konnte Ende DESC überlappen ssss Die fuer den Versand von Obst, Gemuese u dgl bestimmte oben offene Kiste ist in an sich bekannter Weise aus Lattenrosten zusammengesetzt, und ihre vier Seitenwaende 1, 2, 3, 4 sind an ihren lotrechten Kanten in ebenfalls an sich bekannter Weise gelenkig miteinander verbunden.

Machine translation: (Claim1) ssssWARNUNGssss beginning CLMS could field overlap end of DESC ssss The for the shipment of fruit, vegetables u like, certain open-top box is assembled in a known manner from bed frames, and their four Seitenwaende 1, 2, 3, 4 are in their vertical edges in a likewise known manner hinged together.

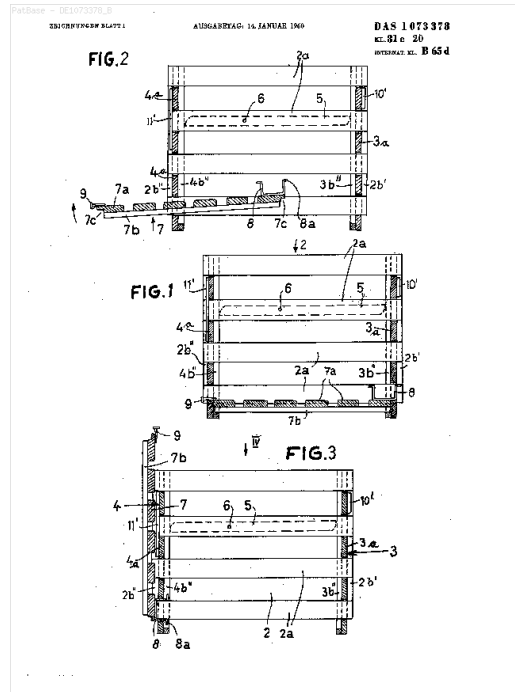
Classifications:

International (IPC 8-9): B65D6/18 (Advanced/Invention); B65D6/18 (Core/Invention)

International (IPC 1-7): B65D6/18 B65D85/34

CPC: B65D9/18 B65D9/34

European: B65D9/18 B65D9/34



Family:

Publication number	Publication date	Application number	Application date
DE1073378 A	00000000		00000000
DE1073378 B	00000000		00000000

Legal status (INPADOC)

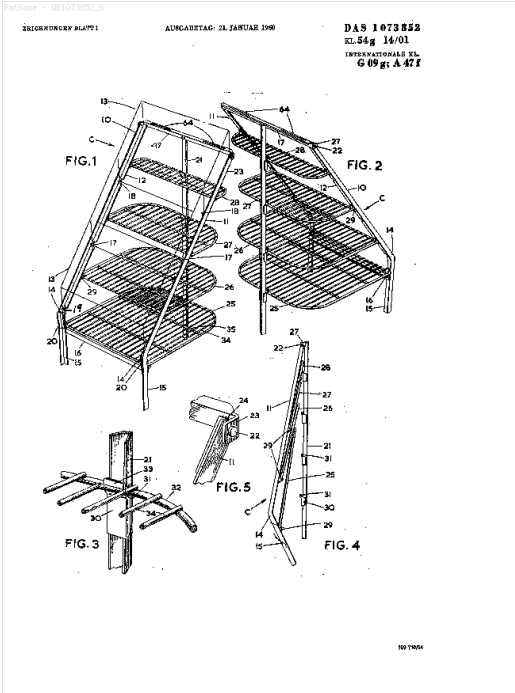
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Patent	Date recorded	Event group	Code	Event	Details
DE1073378 A	00000000	LSGT	+	granted / extensions (spc, cpc, pte)	
DE1073378 B	00000000	LSPB	+	published / reissued	

Abstract: Source: DE1073852A (Claim1) Zusammenlegbares Schaugestell fuer Samen packungen in Kisten, bestehend aus Tragleisten an der Gestellvorderseite, einer zugehoerigen Ver bindungsquerleiste und einer gegenueber den Trag leisten schwenkbar angeordneten Stuetzleiste an der Gestellrueckseite, wobei die Tragleisten Halte mittel fuer die Kisten tragen und abklappbare, nach oben in der Tiefe abnehmende Auflagebretter vorgesehen sind, dadurch gekennzeichnet, dass die Ablagebretter (25 bis 28) an den Tragleisten (10, 11) an der Gestellvorderseite nach hinten schwenk bar gelagert und mit ihrem freien Ende in Halte laschen (33) der Stuetzleiste (21) an der Gestell rueckseite einhaengbar sind.

Machine translation: (Claim1) A **collapsible** display stand for seed packaging in boxes, consisting of support brackets to the frame front, tying the cross bar of an associated encryption and one opposite the support to make pivot on arranged Stuetzleiste the Gestellrueckseite, the support bars holding medium for the crates bear and hinged, upward the depth decreasing support boards are provided, characterized in that the support boards (25 to 28) on the support brackets (10, 11) on the frame front to the rear swivel-mounted and (21) with its free end in the retaining tabs (33) of the Stuetzleiste at the **base** rueckseite suspended.

Classifications:
International (IPC 8-9): A47F5/13 (Advanced/Invention); A47F5/10 (Core/Invention)
International (IPC 1-7): A47F5/13
CPC: A47F5/13
European: A47F5/13



Family:

Publication number	Publication date	Application number	Application date
DE1073852 A	00000000		00000000
DE1073852 B	00000000		00000000

Legal status (INPADOC)

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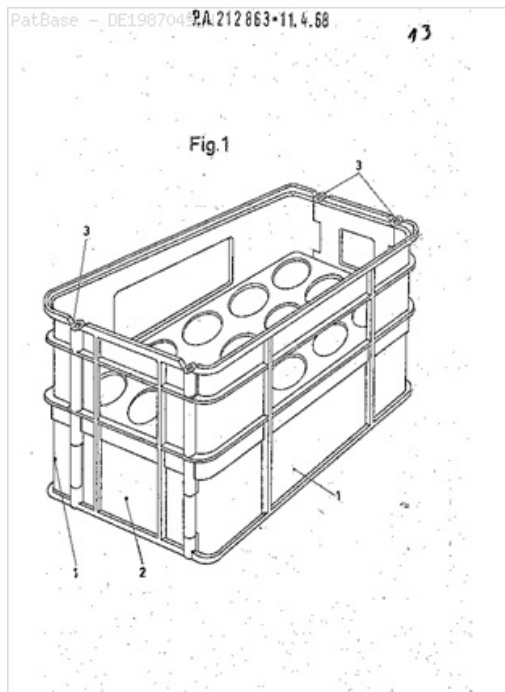
Patent	Date recorded	Event group	Code	Event	Details
DE1073852 A	00000000	LSGT	+	granted / extensions (spc, cpc, pte)	
DE1073852 B	00000000	LSPB	+	published / reissued	

Abstract: Source: DE1987049U (Claim 1) 1. Flaschenkasten zum Aufbewahren und Transport, insbesondere von Getraenkeflaschen und dergleichen, dadurch gekennzeichnet, dass er ein zusammenklappbarer viereckiger Kasten ist, der einen herausnehmbaren Kastenboden (4) und einen herausnehmbaren Zwischenboden (5) als versteifende Stuetzelemente fuer den aufgestellten Kasten zwischen seinen durch vier Scharnierbaender (3) gelenkig miteinander verbundenen Kastenwandteilen (1) und (2) besitzt.

Machine translation: (claim 1) 1 Bottle case for storage and transport, in particular of Getraenkeflaschen and the like, characterized in that it is a **collapsible** rectangular box having a removable box **base** (4) and a removable false bottom (5) as a stiffening supporting elements for the erected box between its by four Scharnierbaender (3) articulated body wall parts (1) and (2) possesses.

Classifications:

International (IPC 1-7): B65D85/30



Family:

Publication number	Publication date	Application number	Application date
DE1987049 U	00000000		00000000

Legal status (INPADOC)

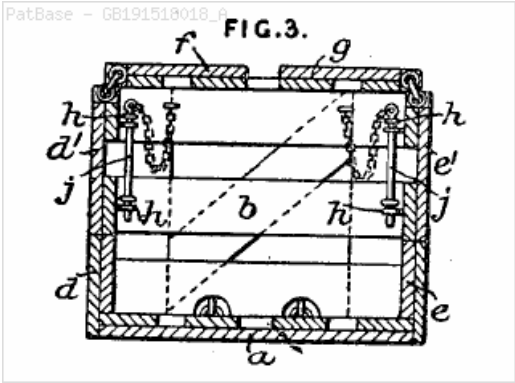
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Patent	Date recorded	Event group	Code	Event	Details
DE1987049 U	00000000	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: Improvements in **Collapsible** Crates of Boxes.

Abstract: Source: GB191518018A 18,018. Jackson, T. Dec. 24. Folding boxes and c.-To the **base** a of a box or crate are hinged two sides b, the other two sides consisting of parts d, e fixed to the **base** and parts d<1>, e<1> hinged to them, and the top consisting of parts f, g hinged to the parts d<1>, e<1> respectively. When the box is prepared for use, rodsj, attached by chains to the sides b, are passed through sockets h on these sides and on the parts d<1>, e'. When the box is folded, the rods j are inserted in holes in the sides b, the parts f, g are folded on the parts d<1>, e' and lie between them and the folded-down sides b, and the sockets h enter holes in the **base** and top parts the whole is secured by a hook on the part d<1> engaging an eye on the part e<1>. The hinges, which are on the outside of the box, are housed in cut-away parts of the sides, **base**, and c.

Classifications:
CPC: B65D9/14 B65D9/22
European: B65D9/14 B65D9/22



Family:

Publication number	Publication date	Application number	Application date
GB191518018 A	19160316		00000000

Priority:

19151224

Probable Assignee: JACKSON THOMAS

Assignee(s): (std): JACKSON THOMAS

Assignee(s): THOMAS JACKSON

Inventor(s): (std): JACKSON THOMAS

Inventor(s): THOMAS JACKSON

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
GB191518018 A	19160316	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: Improvements in **Collapsible** Receptacles, such as Packing Cases, Crates and the like

Abstract: Source: GB116874A Folding or knock-down boxes and c.-Boxes, packing-cases, crates, and c. are constructed with separable side, end, and bottom members, the side members a, b carrying parts c with grooves d, which receive fillets g on the end members f. Projections h on the fillets, preferably formed with inclined lower faces, are adapted to enter corresponding recesses in the parts c. The bottom member j, inserted from the top, rests on fillete i at the lower edges of the members a, b, f and the lid l, which may be hinged, fits between the upper ends of the parts c, g. The fillets g may be held in the parts c by clamps, screws, and c. The bottom j may be raised by means of a loop k.

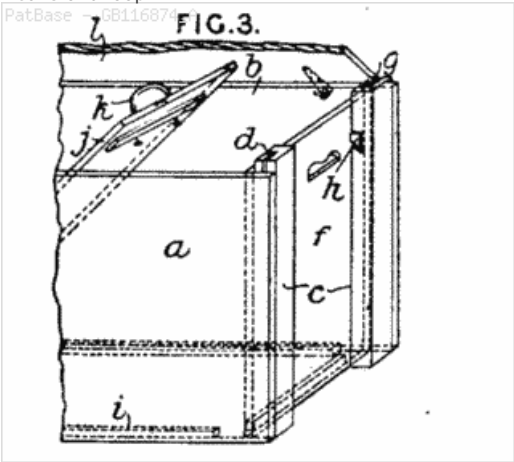
Classifications:

International (IPC 8-9): B65D6/16 (Advanced/Invention);
B65D6/16 (Core/Invention)

International (IPC 1-7): B65D6/16

CPC: B65D9/12

European: B65D9/12



Family:

Publication number	Publication date	Application number	Application date
GB116874 A	19180627	GB19180005031	19180321

Priority:

GB19180005031 19180321

Probable Assignee:

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Assignee(s): (std):

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Inventor(s): (std):

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Inventor(s):

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Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
GB116874 A	19180627	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: A New or Improved **Collapsible** Crate

Abstract: Source: GB129509A Folding crates; boxes of skeleton formation; corner joints.-The **base** consists of a rectangular frame 1, formed of bars of angle-section, to which the sides 6, 7, also of rectangular form, are hinged so as to fold down upon the **base**. The top members 4, 5 of the sides are of angle-section, and are connected together in the erect condition by nuts 12 engaging bolts or studs fixed to the ends of the members 4 and passing through holes in the members 5. The sides 6 are hinged slightly higher than the sides 7 so as to fold flat thereon and, when folded, the bolts 10 of the upper side engage slotted lugs 14 on the **base** and are secured thereto by the nuts 12. The sides and **base** are preferably provided with diagonal members 16, and a loose cover or top may be provided.

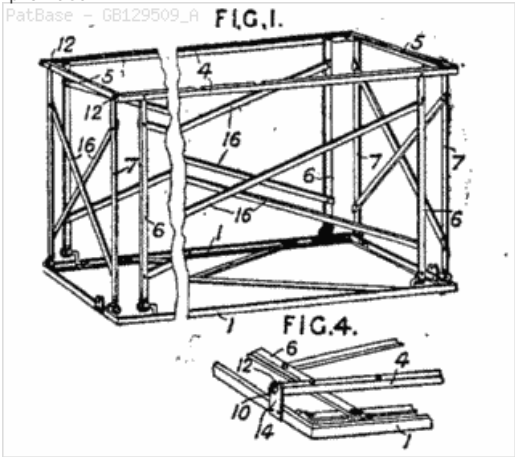
Classifications:

International (IPC 8-9): B65D6/18 (Advanced/Invention);
B65D6/18 (Core/Invention)

International (IPC 1-7): B65D6/18

CPC: B65D7/26

European: B65D7/26



Family:

Publication number	Publication date	Application number	Application date
GB129509 A	19190717	GB19180014564	19180907

Priority:

GB19180014564 19180907

Probable Assignee:

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Assignee(s): (std):

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Assignee(s):

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Inventor(s): (std):

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Inventor(s):

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Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
GB129509 A	19190717	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: A New or Improved **Collapsible** Case or Crate for Pianofortes, Organs and the like

Abstract: Source: GB134149A Folding cases and crates; hand-holes.-A folding or **collapsible** case or crate for pianofortes, organs, and c. comprises a **base** 1 to which are hinged the ends 3, 4, a back section 7, and a front section 10. The front consists of a number of sections 10 - 13 hinged together, as shown, and the top 9, hinged to the back section 8 hinged to the section 7, carries a member 18 engaging a member 19 on the top member 13 to lock the case in its open position. The sections 3, 7 are hinged to strips fixed to the **base**, and, when the ends, back, and top are folded down, the front is folded over the whole, and the member 19 engages a member 20 on the **base** to lock the parts in the **collapsed** condition. Hand-holes 14 are provided at the front, back, and ends, and holes in the **base** allow the castors of the instrument to project therethrough for wheeling purposes. The **base** and back of the case are strengthened by strips 15, 16, and, in the open condition, the various sections are screwed together. Bolt-holes are provided for securing the pianoforte and c. in position, and the whole case may be reinforced by wiring.

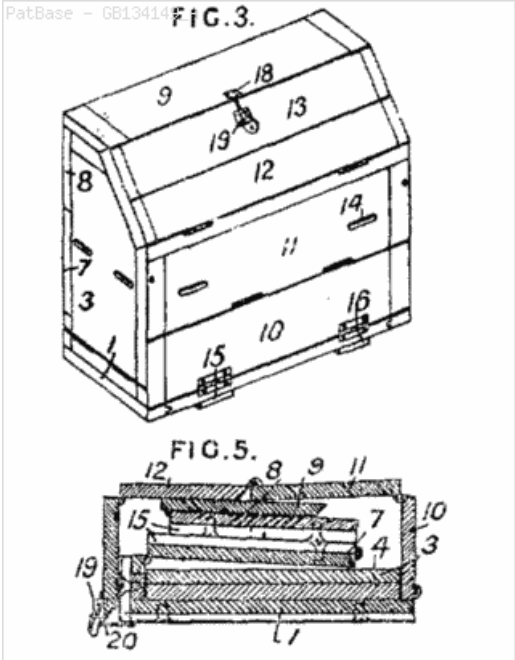
Classifications:

International (IPC 8-9): B65D6/16 (Advanced/Invention);
B65D6/16 (Core/Invention)

International (IPC 1-7): B65D6/16

CPC: B65D9/14

European: B65D9/14



Family:

Publication number	Publication date	Application number	Application date
GB134149 A	19191030	GB19190005509	19190305

Priority:

GB19190005509 19190305

Probable Assignee:

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Assignee(s): (std):

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Assignee(s):

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Inventor(s): (std):

COOPER THOMAS HENRY

Inventor(s):

THOMAS HENRY COOPER

Legal status (INPADOC)

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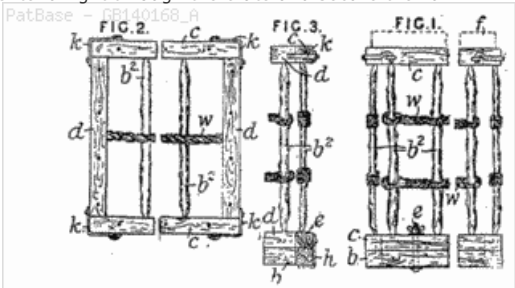
Patent	Date recorded	Event group	Code	Event	Details
GB134149 A	19191030	LSGT	+	granted / extensions (spc, cpc, pte)	

Title: Improvements in packing crates

Abstract: Source: GB140168A 140,168. Pugh, J. Feb. 11, 1919. Knock-down crates corner joints lids.-A collapsible packing-crate constructed of crate wood, i.e. of wooden supports having staves b<2>, Figs. 1 and 2. strengthened by twisted withes or saplings w, is provided at the base b with bolts e passing through the lower supports c of the ends and sides and secured by thumb-nuts d. The parts b, c may be further secured by angleplates h, Fig. 3. Hinged hookplates k are employed to secure the top supports d of the ends to the top supports c of the sides. The lid f is also of crate wood and is screwed or nailed on. According to the Provisional Specification, the bolts e may extend right through the crate and secure the lid.

Classifications:

International (IPC 8-9): B65D6/16 (Advanced/Invention);
B65D6/16 (Core/Invention)
International (IPC 1-7): B65D6/16
CPC: B65D9/12
European: B65D9/12



Family:

Publication number	Publication date	Application number	Application date
GB140168 A	19200325	GB19190003326	19190211

Priority:

GB19190003326 19190211

Probable Assignee: JOHN PUGH
Assignee(s): (std): JOHN PUGH

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
GB140168 A	19200325	LSGT	+	granted / extensions (spc, cpc, pte)	