

Search history

Search 1: FT=(bed and frame and mattress) (Results 20588)

Search 2: FT=(1) and IC=(A47C19) (Results 3224)

Search 3: 2 and PD<20140124 (Results 2694)

Search 4: 3 and rail* (Results 968)

Search 5: 4 and wedge* (Results 73)

Title: MODULAR BEDDING SYSTEM INCLUDING MODULAR **BED** BASE

Abstract: A module bedding system comprises a universal base having removable **mattress** supporting panels, a headrest adjustable module and a footrest adjustable module. The universal base may be used with the removable panels in place to support a conventional non-adjustable **mattress** or the removable panels may be removed and the adjustable modules substituted to enable the base to support either a headrest adjustable **mattress** or a headrest and footrest adjustable **mattress**.

Classifications:

International (IPC 8-9): A47B7/00 A47B7/02 A47C19/22

A61G7/015 (Advanced/Invention);

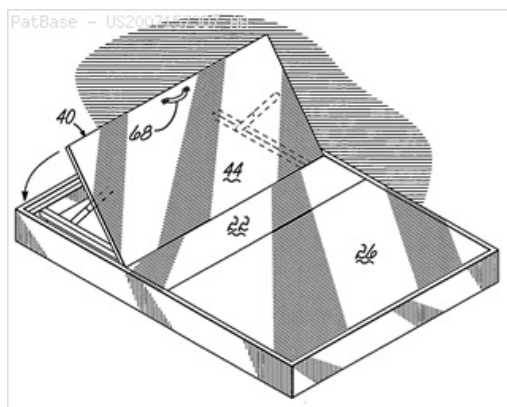
A47C19/00 (Advanced/Non-invention);

A47B7/00 A47C19/00 A61G7/002 (Core/Invention)

CPC: A47C20/041 A61G7/015

European: A47C20/04A K61G7/015

US: 5/200.1 5/201 5/400 5/617 5/618 5/618P 5/620



Family:

Publication number	Publication date	Application number	Application date
AU2006335200 AA	20070719	AU20060335200	20061213
EP1971242 A2	20080924	EP20060847600	20061213
US2007157387 AA	20070712	US20060329998	20060111
US2007157388 AA	20070712	US20060421199	20060531
US8091165 BB	20120110	US20060329998	20060111
WO07081480 A2	20070719	WO2006US47530	20061213
WO07081480 A3	20071213	WO2006US47530	20061213

Priority:

US20060329998 20060111 US20060421199 20060531 WO2006US47530 20061213

Probable Assignee: L AND P PROPERTY MANAGEMENT CO

Assignee(s): (std): L AND P PROPERTY MANAGEMENT CO ; L AND P PROPERTY MANGEMENT COMPA ; MOSSBECK NIELS S

Assignee(s): L AND P PROPERTY MANGEMENT COMPANY ; L and P PROPERTY MANAGEMENT COMPANY ; L AND P PROPERTY MANGEMENT CO

Inventor(s): (std): WELLS THOMAS W ; NEUENSWANDER JACOB J ; MOSSBECK NIELS S

Inventor(s): MOSSBECK NIELS ; NEUENSWANDER JACOB ; NIELS S MOSSBECK ; WELLS THOMAS

Agent(s): SPRUSON AND FERGUSON; BANZER HANS JOERG; WOOD HERRON AND EVANS LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM 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 IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: CAP FOR SECURING INTERCONNECTED LINEAR MEMBERS OF A **FRAME** STRUCTURE

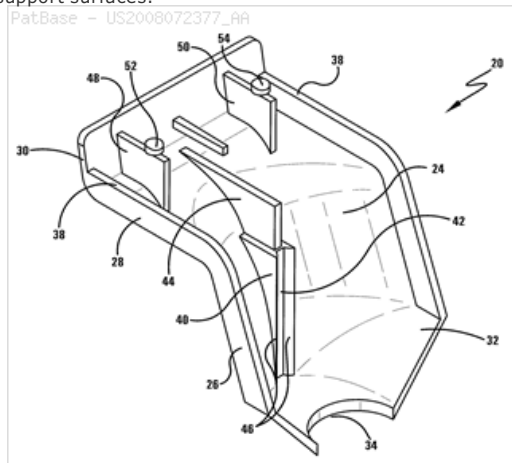
Abstract: Described herein is a cap for securing the interlocking members of a **bed frame** with flush **rail** support surfaces which includes a main body portion; a connection member protruding from the main body portion; and a slot within the connection member sized to accept a portion of one of the interlocking members wherein the portion of the **rail** member is interlocked with another **rail** member. The cap may also include at least one piece protruding from the main body portion to support the shape and structure of the main body portion. Also described herein is a method for securing the interlocking members of a **bed frame** with interlocking members and flush **rail** support surfaces.

Classifications:

International (IPC 8-9): A47C19/00 A47C19/02 A47C23/00 B60H1/00 B60H1/32 B60H3/00 B60K11/02 F01P11/20 F01P3/20 F25B27/00 F25D17/02 (Advanced/Invention); F01P7/16 (Advanced/Non-invention); A47C19/00 (Core/Invention)

CPC: A47C19/005 A47C19/021 A47C19/024 F16B12/50 F16B12/56 F01P2060/18 F01P2060/08 F01P2050/24 F01P2011/205 F01P7/165 F01P3/20 B60L11/1875 B60L11/1874 B60L11/12 B60K2001/005 B60K11/02 B60H2001/00307 B60H1/08 B60H1/00492 B60H1/004 B60H1/00278 F01P11/20 Y02T10/7077 Y02T10/705 Y02T10/7005 **European:** A47C19/00A A47C19/02B A47C19/02B3 B60H1/00C1 B60H1/00H4B B60H1/00R B60H1/08 B60K11/02 B60L11/12 B60L11/18M34D B60L11/18M34F F01P11/20 F01P3/20 F16B12/50 F16B12/56 L60H1/00C91 L60K1/00B2 R01P11/20H R01P50/24 R01P60/08 R01P60/18 R01P7/16D

US: 123/142.50R 123/142.5R 123/41.31 165/10 165/202 165/236 165/41 165/42 165/42S 180/65.21 237/12.30B 237/12.3B 237/2.00A 237/2A 248/345.1 429/120 429/62 5/200.1 5/200.100P 5/200.100S 5/282.1 5/282.100P 5/285 5/286 5/301 5/301S 5/663 52/1 52/821 62/239 62/239S 62/323.1 62/323.100S 62/434 62/434S



Family:

Publication number	Publication date	Application number	Application date
CA2604109 AA	20080326	CA20072604109	20070924
CA2604109 C	20101116	CA20072604109	20070924
US2008072377 AA	20080327	US20060534785	20060925
US2008078025 AA	20080403	US20070859947	20070924
US2008078542 AA	20080403	US20060537785	20061002
US2011232890 A9	20110929	US20060537785	20061002
US7526825 BB	20090505	US20060534785	20060925
US7665168 BB	20100223	US20070859947	20070924
US8191618 BB	20120605	US20060537785	20061002

Priority:

US20040772762 20040204 US20060534785 20060925 US20060534785 20060926
US20060537785 20061002 CA20072604109 20070924 US20070859947 20070924

Probable Assignee: MANTUA MFG CO

Assignee(s): (std): BATTELLE ENERGY ALLIANCE LLC ; MANTUA MFG CO ; GERING KEVIN L ; HAEFNER DARYL R

Assignee(s): MANTUA MANUFACTURING CO ; MANTUA MFG ; WEINTRAUB EDWARD ; QUINTILE MARK J ; DWYER NEIL J ; LASKY SIDNEY ; ENERGY UNITED STATES DEPARTMENT OF

Inventor(s): (std): DWYER NEIL J ; GERING KEVIN L ; WEINTRAUB EDWARD ; LASKY SIDNEY ; QUINTILE MARK J ; HAEFNER DARYL R

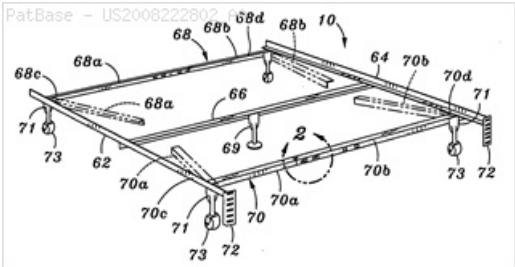
Agent(s): GOWLING LAFLEUR HENDERSON LLP; BUCKINGHAM DOOLITTLE AND BURROUGHS LLP; BATTELLE ENERGY ALLIANCE LLC; TRASKBRITT

Title: **BED FRAME** AND METHOD OF ASSEMBLY

Abstract: A support **frame** for a **bed** includes a pair of side **rails** having attached thereto a pair of cross bar segments each having an outer end including a wall portion comprising a malleable material. Upon assembly the outer ends of individual cross bar segments of one side **rail** are aligned with and connected to the outer ends of the individual cross bar segments of the other side **rail** by interlocking connector elements punch pressed in the malleable material of the wall portions. One connector element comprises a finger member projecting from the wall portion of one aligned and connected cross bar segment. The other connector element comprises a slot in the wall portion of the other aligned and connected cross bar segment that receives the finger member.

Classifications:

International (IPC 8-9): A47C19/00 (Advanced/Invention);
A47C19/00 (Core/Invention)
CPC: A47C19/005 A47C19/021 A47C19/124
European: A47C19/00A A47C19/02B A47C19/12C
US: 5/286 5/286P



Family:

Publication number	Publication date	Application number	Application date
US2008222802 AA	20080918	US20070725164	20070316

Priority:

US20070725164 20070316

Probable Assignee:

HARROW LAWRENCE

Assignee(s): (std):

HARROW LAWRENCE

Inventor(s): (std):

HARROW LAWRENCE

Agent(s):

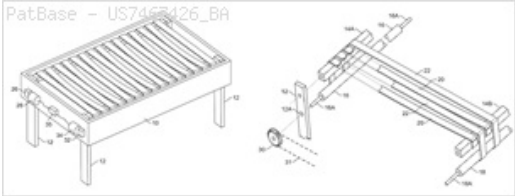
CONNORS ASSOCIATES

Title: BODY SUPPORT AND METHOD FOR SUPPORTING A BODY

Abstract: A body support for providing a beneficial effect has a **frame** and a first and a second plurality of flexible parallel bands, which are interdigitated. A primary shaft rotatably mounted in a **frame** can tighten and slacken the first plurality of bands. This can be done by having the shaft wind and unwind the first plurality of bands or by appropriately positioning a camshaft or the like at one edge of the body support surface to adjustably hold each of the first plurality of bands there. In the latter case the shaft provides a plurality of support locations at the first edge of the support surface that are moved, in order to alternately tighten and slacken the first plurality of bands. Other disclosed apparatus and methods can tighten and slacken the second plurality of bands as well.

Classifications:

International (IPC 8-9): A47C19/00 (Advanced/Invention);
A61G7/10 (Advanced/Non-invention);
A47C19/00 (Core/Invention);
A61G7/10 (Core/Non-invention)
CPC: A47C23/18 A47C23/28 A61G7/057 Y10S5/933
European: A47C23/18 A47C23/28 A61G7/057
US: 5/191 5/192 5/88.1 5/933



Family:

Publication number	Publication date	Application number	Application date
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Priority:

US20050200740 20050810

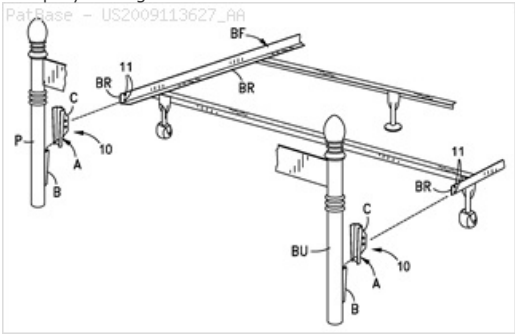
Probable Assignee: JARMON ROBERT MD
Assignee(s): (std): JARMON NICHOLAS A ; JARMON ROBERT G
Assignee(s): JARMON ROBERT MD
Inventor(s): (std): JARMON NICHOLAS A ; JARMON ROBERT G
Agent(s): ADAMS THOMAS L; THOMAS L

Title: CONNECTOR DEVICE, **BED** UPRIGHT AND **FRAME** COMBINATION AND METHOD OF USE

Abstract: A device for connecting a **bed frame** to a **bed** upright comprises one component adapted to be attached to a portion of the **bed** upright in a substantially vertical orientation and the other component adapted to be attached to a portion of the **bed frame** in a substantially vertical orientation. Each component has a predetermined configuration to enable the components to disengage and engage in an interlocking mating relationship by sliding movement relative to each other.

Classifications:

International (IPC 8-9): A47C19/02 F16B1/00 (Advanced/Invention);
A47C19/00 F16B1/00 (Core/Invention)
CPC: A47C19/021 A47C19/005 A47C19/022 Y10T403/70
European: A47C19/00A A47C19/02B A47C19/02B2
US: 403/345 403/345S 5/200.1 5/200.100P



Title: CENTER SUPPORT FOR BED FRAME, BED FRAME AND ASSEMBLY METHOD

Abstract: A bed frame comprises a center support, a pair of extender bars, each extender bar having a pair of connector elements, a pair of rail members, and two pairs of cross-arms. A cross-arm in each pair of cross-arms is attached at one end to one rail member and has at a free end adapted to be attached to one end of an extender bar. Individual extender bars connect together the free ends of one pair of cross-arms attached to one rail member to the free ends of the other pair of cross-arms attached to the other rail member. The center support has opposed ends each including a pair of notches. The notches are sized and shaped to engage and interlock with the pair of connector elements in an extender bar upon assembly.

Classifications:

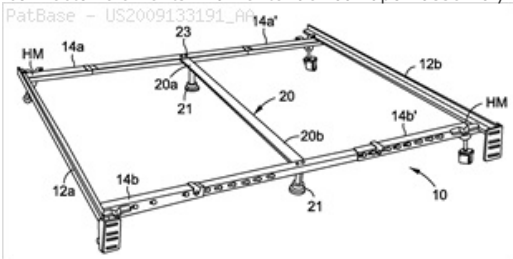
International (IPC 8-9): A47C 19/02 A47C 19/04 (Advanced/Invention);

A47C 19/00 (Core/Invention)

CPC: A47C 19/005 A47C 19/04

European: A47C 19/00A A47C 19/04

US: 5/200.1 5/200.100S 5/202 5/202P



Family:

Publication number	Publication date	Application number	Application date
US2009133191 AA	20090528	US20070946493	20071128

Priority:

US20070946493 20071128

Probable Assignee:

HARROW LAWRENCE

Assignee(s): (std):

HARROW LAWRENCE

Inventor(s): (std):

HARROW LAWRENCE

Agent(s):

CONNORS ASSOCIATES

Title: THREE DIMENSIONAL CONNECTION SYSTEM FOR **BED FRAME**

Abstract: A connection system for use in joining structural members of a **bed frame** together. One of the structural members has a **wedge** and the other of the structural members has a cavity formed in a receiver. The **wedge** has a plurality of exterior surfaces that contact with a plurality of interior surfaces formed in the cavity. There may be four interior and exterior surfaces of the **wedge** and receiver and at least two of the surfaces taper inwardly in the downward direction. The interfitting of the **wedge** into the receiver make a solid connection that is enhanced by weight of the bedding positioned thereon. The connection resists twisting forces as well as lateral and fore and aft forces.

Classifications:

International (IPC 8-9): A47C19/00 A47C19/02

F21V33/00 (Advanced/Invention);

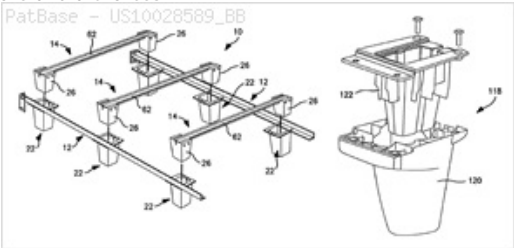
E04C3/29 (Advanced/Non-invention);

A47C19/00 (Core/Invention)

CPC: A47C19/021 A47C19/024 A47C19/025 E04C3/29 A47C19/005

European: A47C19/00A A47C19/02B A47C19/02B4

US: 1/1 29/428 362/130 362/130S 5/200.1 5/200.100P 5/201 5/282.1 5/282.100P 5/286 5/400 5/663



Family:

Publication number	Publication date	Application number	Application date
US10028589 BB	20180724	US20150924138	20151027
US2010242171 AA	20100930	US20100660694	20100302
US2011219540 AA	20110915	US20110932669	20110302
US2015047123 AA	20150219	US20140486231	20140915
US2016106222 AA	20160421	US20150924138	20151027
US8832881 BB	20140916	US20110932669	20110302
US9439514 BB	20160913	US20140486231	20140915

Priority:

US20090165492P 20090331	US20090165493P 20090331	US20100660694 20100302
US20100339226P 20100302	US20110932669 20110302	US20140486231 20140915
US20150924138 20151027		

Probable Assignee: FINGER LAKES INTELLECTUAL PROPERTY LLC

Assignee(s): (std): CARLSON PAUL ERIC ; FINGER LAKES INTELLECTUAL PROPERTY LLC ; FINGER LAKES IP LLC ; POLEVOY RICHARD S

Assignee(s): FINGERLAKES INTELLECTUAL PROPERTY LLC

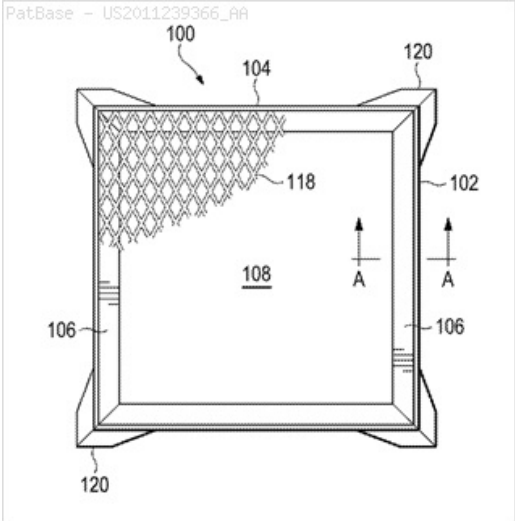
Inventor(s): (std): POLEVOY RICHARD S ; CARLSON PAUL ERIC

Agent(s): KLAUBER AND JACKSON LLC; KLAUBER AND JACKSON

Title: BEDBUG INFESTATION-RESISTANT FURNITURE

Abstract: Bedbug infestation-resistant furniture items comprise one or more substantially horizontal platform member each with one or more relatively vertical downwardly-depending leg members. Each platform member typically includes a **frame** surrounding an interior region and an infill expanse extending across the interior region and overlapping a relatively horizontal portion of the **frame**. Each of leg members typically includes a substantially lubricious surface portion substantially encircling the leg member to frustrate bedbug travel along the leg member. The legs may be splayed outwardly and may be provided with stops therealong to facilitate relatively dense stacking during stowage, and to simplify unstacking. Bedbug infestation-resistant furniture items can additionally include one or more vertical support members extending upwardly from a platform member, and one or more connecting members extending horizontally between adjacent such vertical support members along a side and/or end of the platform member, providing for example safety barriers and/or enabling a user to easily mount an elevated platform member.

Classifications:
International (IPC 8-9): A01M1/24 A47B37/00 A47B91/14 A47C19/00 A47C19/02 A47C19/20 A47C27/14 A47G9/02 (Advanced/Invention)
CPC: A47B91/14 A47C7/002 A47C19/024 A47C27/14 A47G9/0292 A47C19/021
European: A47B91/14 A47C19/02B A47C19/02B3 A47C7/00B
US: 108/42 108/42S 5/110 5/111 5/112 5/200.1 5/201 5/400 5/400P 5/411 5/9.1 5/9.100P



Family:

Publication number	Publication date	Application number	Application date
CA2778512 AA	20121127	CA20122778512	20120528
US2011239366 AA	20111006	US20110118057	20110527
US2011239368 AA	20111006	US20100798497	20100405
US2014230147 AA	20140821	US20140260827	20140424
US8739333 BB	20140603	US20100798497	20100405
WO11126971 A1	20111013	WO2011US31076	20110404

Priority:
US20100798497 20100405 US20110118057 20110527 CA20122778512 20120528
US20140260827 20140424

Probable Assignee: CENTRAL CITY CONCERN

Assignee(s): (std): BOYLE MICHELLE ; BROWN DAVID L ; CENTRAL CITY CONCERN

Assignee(s): BROWN DAVID

Inventor(s): (std): BOYLE MICHELLE ; BOYLE MICHELLE J ; BROWN DAVID ; BROWN DAVID L

Agent(s): OYEN WIGGS GREEN AND MUTALA LLP; ATER WYNNE LLP; BOYD PATRICK D

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ 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 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 PE PG PH PL PT RO RS RU 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

Title: TETE DE LIT POUR LITERIE

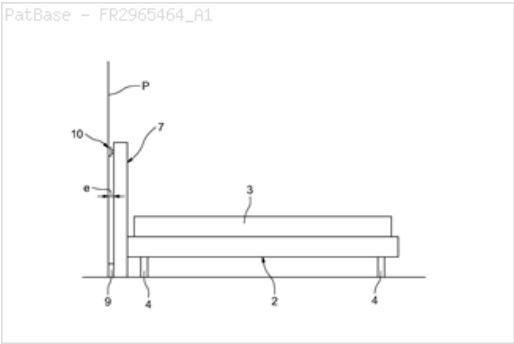
Abstract: The headboard (7) has a removable abutment (10) fixed in an upper part by perpendicularly projecting from a face of the headboard for permitting the headboard to be supported on a vertical wall (P) when the headboard is arranged between a spring-**mattress** (2) and the wall. The abutment is adjustable in direction perpendicular to the face of the headboard. The abutment comprises a head supported on the wall. The head is integrated to a threaded rod anchored to the headboard. An independent claim is also included for a method for installation of a headboard.

Classifications:

International (IPC 8-9): A47C19/02 A47C20/02 (Advanced/Invention)

CPC: A47C19/022

European: A47C19/02B2



Family:

Publication number	Publication date	Application number	Application date
FR2965464 A1	20120406	FR20100057938	20100930
FR2965464 B1	20130809	FR20100057938	20100930

Priority:

FR20100057938 20100930

Probable Assignee: CIE CONTINENTALE SIMMONS

Assignee(s): (std): CIE CONTINENTALE SIMMONS

Assignee(s): LA COMP CONTINENTALE SIMMONS ; LA COMPAGNIE CONTINENTALE SIMMONS

Inventor(s): (std): COISSARD MICHEL JEAN HENRI BERNARD ; HUGER PASCAL MICHEL EUGENE

Inventor(s): MICHEL JEAN HENRI BERNARD COISSARD ; PASCAL MICHEL EUGENE HUGER

Agent(s): CABINET WEINSTEIN

Title: WRAP AROUND **BED FRAME**

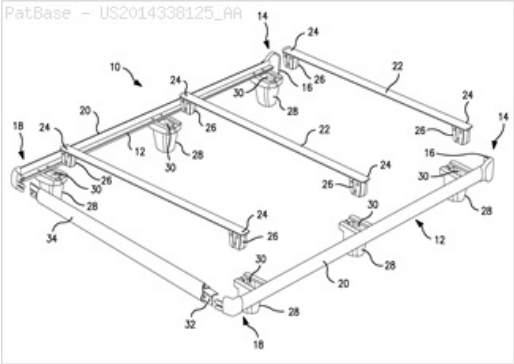
Abstract: A wrap around **bed frame** for use in supporting a box spring and **mattress**. The **bed frame** has the normal side **rails** and cross members and also has a foot member that is affixed to the foot ends of the side **rails** such that the foot member provides support for the foot end of the bedding and prevents sagging and damage from weight being exerted at the foot end of the bedding. The entire **bed frame** can be assembled with fittings that do not require tools for assembly and thus, the **bed frame** can be assembled easily by the user by simply sliding or snapping the components together. Protective shields cover the **bed frame** so as to prevent tearing of the linen, **bed** spreads or other **bed** coverings used with the **bed frame**.

Classifications:

International (IPC 8-9): A47C19/00 A47C19/02 (Advanced/Invention)

CPC: A47C19/005 A47C19/00 A47C19/02 A47C19/021

US: 1/1 5/400



Family:

Publication number	Publication date	Application number	Application date
US2014338125 AA	20141120	US20120351632	20121015
US9247825 BB	20160202	US20120351632	20121015
WO13056207 A1	20130418	WO2012US60183	20121015

Priority:

US20110547366P 20111014 US20120351632 20121015 WO2012US60183 20121015

Probable Assignee: FINGER LAKES IP LLC

Assignee(s): (std): FINGER LAKES IP LLC ; KONIECZNY MICHAEL W ; NAAS ROBERT L ; POLEVOY RICHARD S ; CARLSON PAUL E ; CARLSON PAUL ERIC

Assignee(s): FINGER LAKES INTELLECTUAL PROPERTY LLC

Inventor(s): (std): CARLSON PAUL E ; CARLSON PAUL ERIC ; KONIECZNY MICHAEL W ; NAAS ROBERT L ; POLEVOY RICHARD S

Agent(s): KLAUBER AND JACKSON LLC; JACKSON DAVID A

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 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 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

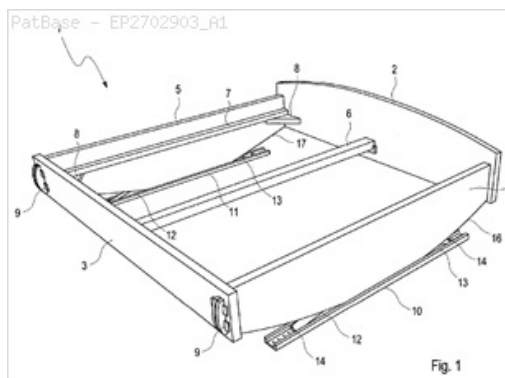
Title: **BED FRAME** CADRE DE LIT

Abstract: The **frame** (1) has a head part (2), a foot portion (3) and two side flanges (4, 5), where the side flanges comprise arc-shaped standing areas (16, 17) such that the standing areas are formed at a bottom of lower sides of the side flanges. The arc-shaped standing areas are designed as circular arcs and guided in bottom strips (10, 11), where the arc-shaped standing areas are fixed by a holding unit in different angular positions at the bottom strips. **Wedges** (12, 13) are releasable fixed at the strips by dowels (14) or pins.

Classifications:

International (IPC 8-9): A47C 19/00 A47C 19/02 (Advanced/Invention)

CPC: A47C 19/005 A47C 19/02



Family:

Publication number	Publication date	Application number	Application date
DE202012008199 U1	20130829	DE201220008199U	20120828
DE502013002527 D1	20160525	DE201350002527T	20130817
EP2702903 A1	20140305	EP20130004091	20130817
EP2702903 B1	20160413	EP20130004091	20130817

Priority:

DE201220008199U 20120828 EP20130004091 20130817

Probable Assignee: SAMINA PRODUKTIONS U HANDELS GMBH

Assignee(s): (std): SAMINA PRODUKTIONS U HANDELS GMBH

Inventor(s): (std): AMANN JENNSON GUENTHER W

Agent(s): RIEBLING PETER

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR