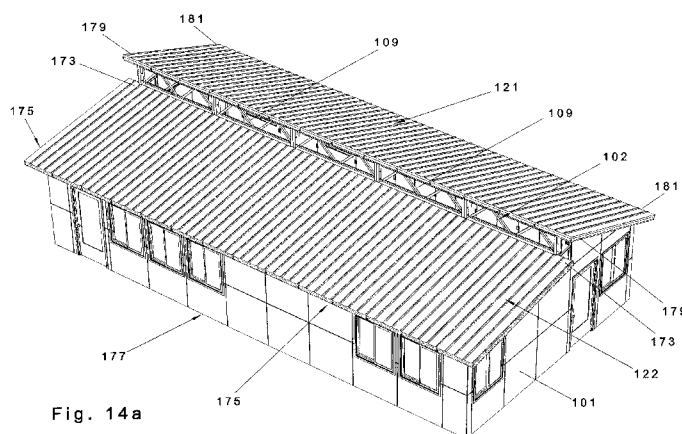








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- *with international search report (Art. 21(3))*
- *with amended claims and statement (Art. 19(1))*

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AMENDED CLAIMS

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1. A modular dwelling, comprising:
 - (a) a plurality of wall members attached together to enclose an interior of the modular dwelling;
 - (b) a truss system extending across the dwelling supported at each end by a vertical post, the truss system positioned horizontally with a lower chord and an upper chord;
 - (c) the lower chord defining a support and wherein the support defines a channel with upper and lower horizontal members and a supporting surface within the channel;
 - (d) a lower roof member comprising a first end supported by the supporting surface, the lower roof member further comprising a second end region opposite the first end supported by a first wall section of the wall members;
 - (e) an upper roof member comprising a first end supported by the upper chord, the upper roof member further comprising a second end region opposite the first end, in a direction opposite to that of the lower roof member, supported by a second wall section of the wall members;

wherein the upper surface of the second wall section and the upper surface of the truss system are angled in co-planar alignment in an upper roof plane extending downwardly from the upper surface of the truss system to the upper surface of the second wall section.

2. The modular dwelling of claim 1, wherein the support of the lower roof member is oriented above the first wall section so that the lower roof member is slanted downwardly from the first end to the second end region.

3. The modular dwelling of claim 2 wherein the upper surface of the first wall section and the supporting surface of the support are angled in co-planar alignment in a lower roof plane

extending downwardly from the supporting surface of the support to the upper surface of the first wall section.

4. The modular dwelling of claim 3 wherein the first wall section further comprises a lower roof extension extending inwardly from the first wall section along the lower roof plane.

5. The modular dwelling of claim 1, wherein the second wall section further comprises an upper roof extension extending inwardly from the second wall section along the upper roof plane.

6. The modular dwelling of claim 1, wherein the supporting surface of the support and the upper periphery of the first wall section is substantially co-planar so that the lower roof member is substantially horizontal.

7. The modular dwelling of claims 4 and 5 wherein the upper and lower roof members comprise a plurality of roof sections aligned along their longitudinal sides, each roof section comprising:

(a) a first groove extending laterally along a first longitudinal side of the roof section having a concave inner region extending along the first side facing downwardly when the roof section is on the dwelling and a first tongue extending upwardly from the upper face of the roof section along the opposite longitudinal side of the roof section configured to mate with the first groove, the first groove of a roof section covering a first tongue of an adjacent roof section when the roof section is on the dwelling; and

(b) a second groove having a concave inner region facing laterally in the direction of the lateral extension of the first groove extending along the first longitudinal side and a second tongue extending laterally along the opposite longitudinal side of the roof section

configured to mate with the second groove, the second groove of a roof section covering a second tongue of an adjacent roof section when the roof section is on the dwelling.

8. The modular dwelling of claim 1, wherein the truss system is positioned in a central region of the dwelling so that the distance between respective first and second end regions of the upper and lower roof members is approximately equal.
9. The modular dwelling of claim 6, wherein the upper and lower sides of the lower roof member are tapered so that the upper surface of the lower roof member is slanted downwardly from the first end to the second end region.
10. The modular dwelling of claim 1, wherein the upper chord and lower chord define a cavity between them.
11. The dwelling of claim 10 further comprising a window within the cavity.
12. The modular dwelling of claim 1, wherein the upper and lower roof members each comprising a plurality of roof panels connected together at contacting edges and extending from a first end supported by the truss and a second end region supported by the first and second wall sections.
13. The dwelling of claim 12 wherein the roof panels comprise an upper face with one or more ridges extending upwardly from the face and longitudinally along the panels adjacent at least one contacting edge of the panels.
14. The dwelling of claim 13 further comprising cap members covering at least a part of the ridges and the abutting edges of adjacent panel members.

15. The dwelling of claim 13 further comprising connectors for connecting adjacent roof panels together and wherein the roof panel members comprise:

- (a) an outer shell forming an inner region;
- (b) an internal rigid frame within the inner region;
- (c) a resiliently deformable filler material filling the cavity;

wherein the connectors connect the frames of adjacent roof panels together.

16. The dwelling of claim 15 wherein at least a portion of the frame of a roof panel covering all or a part of an adjacent wall section is positioned so that the frame contacts the wall section in order to provide support of the roof panel by the frame resting on the adjacent wall section.

17. The dwelling of claim 16 wherein the underside of the roof panels further comprise non-deformable attachment segments attached to the portion of the frame and aligned with the tops of adjacent wall sections and further comprising connectors connecting the roof panels to the tops of adjacent wall sections by means of the attachment segments.

18. The dwelling of claim 1 wherein the truss system comprises a series of discrete truss members connected together in end to end linear alignment wherein each truss comprises upper and lower channels, each upper and lower channel extending inwardly from upper and lower ends of each truss member and further comprising a plurality of connectors each connector dimensioned to fit within the upper or lower channel of adjacent truss members and connectable thereto to secure the adjacent truss members together.

19. The dwelling of claim 2 wherein the vertical posts are dimensioned in length so that the support surface is positioned above the plane of the upper periphery of the first wall section.

20. A wall member of a modular dwelling configured for side-by-side attachment to another like wall member comprising:

- (a) an outer side, an inner side and first and second end members;
- (b) the first end member comprising an outer extension;
- (c) the second end member comprising a groove for mating with the extension;
- (d) a first resiliently deformable gasket positioned longitudinally along the first end on the side of the extension toward the outer side of the wall member;
- (e) a second resiliently deformable gasket positioned longitudinally along the first end within the groove;
- (f) a frame positioned internally with portions adjacent each of the first and second ends of the wall member to support the extension and groove wherein when the wall member is joined to another like wall member the frames of the adjacent ends are in longitudinal alignment; and
- (g) a connector for connecting the wall members together by connecting the aligned frames together;

wherein when the wall member is joined to another like wall member by the extension of one of the wall members connected within the groove of the other of the wall members the gaskets are thereby compressed to form a seal between the wall members.

21. The member of claim 20 wherein the connector comprises a base member and a pair of opposed lateral extensions with the base member dimensioned in length such that the extensions are positioned about respective frames to secure the wall members together with the gaskets compressed to form the seal, when the wall members are connected together.

22. The wall member of claim 20 wherein the extension comprises an inner cavity and at least a portion of the frame adjacent the first side is positioned within the cavity.

23. The wall member of claim 22 further comprising a pair of spacers positioned along the second end member to position the portion of the frame adjacent the second end at a predetermined location with respect to the inner and outer sides and wherein the frame within the cavity positions the portion of the frame adjacent the first side at the predetermined location.

STATEMENT UNDER ARTICLE 19 (1)

As regards D1 in respect of claims 1-6, 8-11, 13-15, 20, Applicant submits that claim 1 includes two features not disclosed or reasonably inferred from D1. In particular claim 1 provides for a truss system extending across the dwelling supported at each end by a vertical post. D2, as best understood, supports the truss system by the adjacent walls as no vertical posts are shown or disclosed. There is a significant disadvantage in a truss system supported only by the walls of the dwelling as taught by D1. This provides for a weaker system and a less stable system. Furthermore assembly of the structure is made more difficult by the absence of those vertical posts.

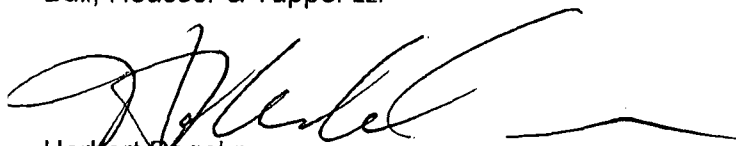
D1 is not considered relevant to claim 12 according to the search report. Claim 1 now defines "a channel with upper and lower horizontal members and a supporting surface within the channel"; a feature taken from claim 12. claim 12 has been cancelled. As such, D1 should likewise not be relevant to claim 1, nor to the rest of the dependant claims 2-19 herewith, as renumbered.

In respect of claims 20-23, as features of claim 22 have now been incorporated into claim 21 (now claim 20) and as D2 was only considered relevant in respect of former claim 21, it follows that D2 is not relevant to amended claim 20. Similarly D2 is not relevant to claims 21-23, which depend on claim 20.

Applicant's claimed invention is novel, possesses an inventive step and has industrial applicability. As such it patentably distinguishes over D1 and D2.

Yours truly,

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