

CLAIMS

What is claimed is:

- 5 1. A door arrangement comprising, in combination:
a door moveable from a closed position to an open position, the door having an
outer face;
a door frame at least partially surrounding the door when the door is in the closed
position, comprising a door jamb and a lip, wherein the lip extends generally
10 perpendicular to the door jamb and the outer face of the door is positioned generally
parallel to the door jamb when the door is in the open position;
wherein the lip is generally parallel to the outer face of the door when the door is
in the closed position; and
the door is pivotally connected to the lip, allowing the door to pivot between the
15 closed position and the open position.
2. A door arrangement according to claim 1, further comprising at least one pivoting
member, wherein the door lip has a recessed edge and the door has a hinged edge, and the
at least one pivoting member connects the hinged edge of the door to the recessed edge of
20 the door lip.
3. A door arrangement according to claim 2, wherein the pivoting member may be
any one of a conventional hinge, a butterfly hinge, a strip hinge, an elongated hinge, a bi-
fold hinge, a spring hinge, a concealed hinge, a ball-socket joint or any other type of
25 pivoting element.
4. A door arrangement according to any of the preceding claims, wherein the
pivoting member is inset into the door panel.
- 30 5. A door arrangement according to any of the preceding claims, wherein the
pivoting member is inset into the lip.

6. A door arrangement according to any of the preceding claims, wherein the pivoting member is inset into the plane formed by the lip and an outer face of the door panel when the door is in an open position.
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7. A door arrangement according to any of the preceding claims, wherein the lip has a length l and the door has a width w , and l is at least the same or larger than w .
8. A door arrangement according to any of the preceding claims, wherein the door panel may be part of any one of a conventional solid door, a divider assembly, an
10 accordion door, a sliding door, or any other kind of door assemblies.
9. A door arrangement comprising, in combination:
a door moveable from a closed position to an open position, the door having an
15 outer face;
a door frame at least partially surrounding the door when the door is in the closed position, comprising a door jamb and a lip having an edge, wherein the lip extends generally perpendicular to the door jamb and the outer face of the door is positioned substantially flush with the edge of the lip when the door is in the open position;
20 wherein the lip is generally parallel to the outer face of the door when the door is in the closed position; and
the door is pivotally connected to the lip, allowing the door to pivot between the closed position and the open position.
- 25 10. The door arrangement of claim 1 further comprising at least one pivoting member formed as a hinge having a first hinge plate and a second hinge plate, wherein the hinge is attached to a recessed face of the lip and a hinged face of the door, and further comprising a recess defined on three sides by the hinged face of the door, the recessed face of the lip and the door jamb, wherein the hinge is positioned in the recess.
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11. The door arrangement of claim 1 wherein the hinged face of the door is substantially parallel to the recessed face of the lip when the door is in the open position, and the hinged face of the door is substantially perpendicular to the recessed face of the lip when the door is in the closed position.

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12. The door arrangement of claim 1 wherein the hinge plates are positioned in the recess, the door is adapted to partially define a room, wherein one side of the door is outside the room and the opposite side of the door is inside the room, and the lip is positioned on the side of the door outside the room.

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13. The door arrangement of claim 1 wherein the hinge plates are substantially parallel when the door is in the open position and substantially perpendicular when the door is in the closed position.

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