Claim

1. A door handle for a door having a length and a width, a first portion and a second portion separated from the first portion, both extending in a longitudinal direction parallel to the length of the door, the first portion comprises a first top face and a first bottom face opposite the first top face and the second portion comprises a second top face and a second bottom face opposite the second top face, the door handle comprising:

a first side and a second side opposite the first side, wherein the first side comprises a first top edge and a first bottom edge opposite the first top edge, and the second side comprises a second top edge and a second bottom edge opposite the second top edge, each of the edges extending in the longitudinal direction;

a first top flange extending from the first side and adapted to engage the first portion of the door and a second top flange extending from the second side and adapted to engage the second portion of the door, a first bottom flange extending from the first side and adapted to engage to the first portion of the door and a second bottom flange extending from the second side and adapted to engage the second portion of the door, and

a recess between the first side and the second side, wherein the first side is adapted to be connected to the first portion and the second side is adapted to be connected to the second portion;~~,~~

wherein the first side comprises a first top edge and a first bottom edge opposite the first top edge, and the second side comprises a second top edge and a second bottom edge opposite the second top edge, each of the edges extending in the longitudinal direction;

wherein the first top flange and the second top flange extend from the first top edge and the second top edge respectively and engage the first top face of the first portion and the second top face of the second portion respectively;

wherein the first bottom flange and the second bottom flange extend from the first bottom edge and the second bottom edge respectively and engage the first bottom face of the first portion and the second bottom face of the second portion respectively; and

wherein the first bottom flange and the second bottom flange for a unitary continuous flat panel;

wherein the door handle extends in the longitudinal direction and is adapted to be disposed between the first portion and second portion and wherein the door handle extends to the length of the door.

~~2. The door handle according to claim 1, further comprising a first bottom flange extending from the first side and adapted to engage to the first portion of the door and a second bottom flange extending from the second side and adapted to engage the second portion of the door.~~

~~3. The door handle according to claim 1 or 2, further comprising a first top flange extending from the first side and adapted to engage the first portion of the door and a second top flange extending from the second side and adapted to engage the second portion of the door.~~

~~4. The door handle according to claim 2 or 3, wherein the first side comprises a first top edge and a first bottom edge opposite the first top edge, and the second side comprises a second top edge and a second bottom edge opposite the second top edge, each of the edges extending in the longitudinal direction, the first portion comprises a first top face and a first bottom face opposite the first top face and the second portion comprises a second top face and a second bottom face opposite the second top face, wherein the first bottom flange and the second bottom flange extend from the first bottom edge and the second bottom edge respectively and engage the bottom face of the first portion and the bottom face of the second portion respectively.~~

~~5. The door handle according to claim 3, wherein the first side comprises a first top edge and a first bottom edge opposite the first top edge, and the second side comprises a second top edge and a second bottom edge opposite the second top edge, each of the edges extending in the longitudinal direction, the first portion comprises a first top face and a first bottom face opposite the first top face and the second portion comprises a second top face and a second bottom face opposite the second top face, wherein the first top flange and the second top flange extend from the first top edge and the second top edge respectively and engage the top face of the first portion and the top face of the second portion respectively.~~

~~6. The door handle according to any one of claims 1 to 5, wherein the door handle extends to the length of the door.~~

2. The door handle according to claim 1, further comprising attaching elements adapted to secure the first portion and the second portion to the door handle, wherein the attaching elements are inserted through at least one of the first top flange, the first bottom flange, the second top flange, and the second bottom flange.

~~7~~3. A door having a length and a width, the door comprising:

a first portion and a second portion separated from the first portion, both extending in a longitudinal direction parallel to the length of the door, the first portion comprises a first top face and a first bottom face opposite the first top face and the second portion comprises a second top face and a second bottom face opposite the second top face;

a door handle extending in the longitudinal direction and is disposed between the first portion and the second portion, wherein the door handle comprises,

a first side and a second side opposite the first side and a recess between the first side and the second side, wherein the first side is connected to the first portion and the second side is connected to the second portion, wherein the first side comprises a first top edge and a first bottom edge opposite the first top edge, and the second side comprises a second top edge and a second bottom edge opposite the second top edge, each of the edges extending in the longitudinal direction;

a first top flange extending from the first side and adapted to engage the first portion of the door and a second top flange extending from the second side and adapted to engage the second portion of the door, a first bottom flange extending from the first side and adapted to engage to the first portion of the door and a second bottom flange extending from the second side and adapted to engage the second portion of the door; and

a recess between the first side and the second side, wherein the first side is adapted to be connected to the first portion and the second side is adapted to be connected to the second portion;

wherein the first top flange and the second top flange extend from the first top edge and the second top edge respectively and engage the first top

face of the first portion and the first top face of the second portion respectively;

wherein the first bottom flange and the second bottom flange extend from the first bottom edge and the second bottom edge respectively and engage the first bottom face of the first portion and first the bottom face of the second portion respectively;

wherein the first bottom flange and the second bottom flange for a unitary continuous flat panel; and

wherein the door handle extends to the length of the door.

~~8. The door according to claim 7, further comprising a first bottom flange extending from the first side and adapted to engage to the first portion of the door and a second bottom flange extending from the second side and adapted to engage the second portion of the door.~~

~~9. The door according to claim 7 or 8, further comprising a first top flange extending from the first side and adapted to engage the first portion of the door and a second top flange extending from the second side and adapted to engage the second portion of the door.~~

~~10. The door according to claim 8 or 9, wherein the first side comprises a first top edge and a first bottom edge opposite the first top edge, and the second side comprises a second top edge and a second bottom edge opposite the second top edge, each of the edges extending in the longitudinal direction, the first portion and the second portion, each comprises a top face and a bottom face opposite the top face, wherein the first bottom flange and the second bottom flange extend from the first bottom edge and the second bottom edge respectively and engage the bottom face of the first portion and the bottom face of the second portion respectively.~~

~~11. The door according to claim 9, wherein the first side comprises a first top edge and a first bottom edge opposite the first top edge, and the second side comprises a second top edge and a second bottom edge opposite the second top edge, each of the edges extending in the longitudinal direction, the first portion and the second portion, each comprises a top face and a bottom face opposite the top face, wherein the first top flange and the second top flange~~

~~extend from the first top edge and the second top edge respectively and engage the top face of the first portion and the top face of the second portion respectively.~~

~~12. The door according to any one of claims 7 to 11, wherein the door handle extends to the length of the door.~~

4. The door according to claim 3, further comprising attaching elements adapted to secure the first portion and the second portion to the door handle, wherein the attaching elements are inserted through at least one of the first top flange, the first bottom flange, the second top flange, and the second bottom flange.