CLAIMS

1. A frame assembly for sheet material comprising a panel defined by opposing surfaces, and one or more peripheral edges extending between the opposing surfaces, the opposing surfaces terminating at the one or more peripheral edges, the frame assembly comprising:

a first inner frame section adapted to be fitted to a first peripheral portion of a first surface of sheet material, wherein the first peripheral portion is adjacent a peripheral edge;

a second, separate inner frame section adapted to be fitted to a second peripheral portion of a second surface of sheet material, wherein the second peripheral portion is adjacent a peripheral edge, and wherein the second surface is opposite the first surface; and

an outer frame section for receiving the sheet material with the first and second inner frame sections fitted thereto, the outer frame section comprising a first projection,

wherein the first inner frame section defines a space adapted to receive the first projection of the outer frame section, whereby the space of the first inner frame section, when the sheet material is fitted to the first inner frame section, cooperates with the received first projection to restrict movement of the first inner frame section relative to the outer frame section,

wherein the space of the first inner frame section is larger than the received first projection in at least one dimension by a tolerance value.

2. The frame assembly of any preceding claim, wherein the space of the first inner frame section and the first projection of the outer frame section are adapted to have complementary or interlocking geometries.

3. The frame assembly of claim 1 or 2, wherein the tolerance value is greater than or equal to 5 mm.

4. The frame assembly of any preceding claim, wherein the outer frame section has a mouth portion into which the sheet material with the first and the

second inner frame sections fitted thereto is adapted to be received, and wherein the sheet material with the first and the second inner frame sections fitted thereto is wider than the mouth portion.

5. The frame assembly of any preceding claim, wherein the cross-sectional shape of the outer frame section is substantially U-shaped.

6. The frame assembly of any preceding claim, wherein the cross-sectional shape of the first inner frame section is substantially S-shaped or Z-shaped.

7. The frame assembly of any preceding claim, wherein the first inner frame section comprises a removed corner portion which defines the space adapted to receive the first projection of the outer frame section.

8. The frame assembly of claim 7, wherein the removed corner portion defines a recess or seat along the longitudinal length of the first inner frame section, and wherein the first projection of the outer frame section comprises a lip which, when received by the space, engages over the recess or seat.

9. The frame assembly of any preceding claim, wherein the first inner frame section comprises a groove which defines the space adapted to receive the first projection of the outer frame section, the first projection comprising a tongue.

10. The frame assembly of any preceding claim, wherein the outer frame section comprises a pocket adapted to receive the sheet material with the first inner frame section fitted thereto, and wherein the cross-sectional shape of the pocket is adapted to substantially match that of the sheet material with the first inner frame section fitted thereto.

11. The frame assembly of any preceding claim, wherein the outer frame section comprises a second projection,

and wherein the second inner frame section defines a space adapted to receive the second projection of the outer frame section, whereby the space of the second inner frame section cooperates with the received second projection to restrict movement of the second inner frame section relative to the outer frame section.

12. The frame assembly of claim 11, wherein the sheet material comprises first and second panels,

and wherein the first inner frame section is adapted to be fitted to a first peripheral portion of a first surface of the first panel, wherein the first peripheral portion is adjacent a peripheral edge of the first panel,

and wherein the second inner frame section is adapted to be fitted to a second peripheral portion of a second surface of the second panel, wherein the second peripheral portion is adjacent a peripheral edge of the second panel,

and wherein the second surface of the second panel is adapted to face in an opposite direction to that of the first surface of the first panel.

13. The frame assembly of any preceding claim, wherein the outer frame section is formed from at least two sub-sections.

14. The frame assembly of any preceding claim, wherein the frame assembly is a window or door frame assembly and the sheet material is at least semi-transparent.

15. The frame assembly of any preceding claim, wherein the inner frame sections and the outer frame section are made of at least one of: aluminium; steel; UPVC; and polymer material.

16. An inner frame section for a frame assembly for sheet material, the sheet material comprising a panel defined by opposing surfaces, and one or more peripheral edges extending between the opposing surfaces, the opposing surfaces terminating at the one or more peripheral edges,

wherein the inner frame section is adapted to be fitted to a first peripheral portion of a first surface of sheet material, wherein the first peripheral portion is adjacent a peripheral edge,

and wherein the first inner frame section defines a space adapted to receive a projection of an outer frame section of the frame assembly,

whereby the space of the first inner frame section, when the sheet material is fitted to the first inner frame section, cooperates with the respective received projection to restrict movement of the inner frame section relative to the outer frame section,

wherein the space of the first inner frame section is larger than the received first projection in at least one dimension by a tolerance value.

17. The inner frame section of claim 16, wherein the space of the inner frame section and the projection of the outer frame section are adapted to have complementary or interlocking geometries.

18. The inner frame section of claim 17, wherein the tolerance value is greater than or equal to 5 mm.

19. The inner frame section of any of claims 16 to 18, wherein the inner frame section comprises a removed corner portion which defines the space adapted receive the projection of the outer frame section.

20. The inner frame section of claim 19 wherein the removed corner portion defines a recess or seat along the longitudinal length of the inner frame section, and wherein the projection of the outer frame section comprises a lip which, when received by the respective space, engages over the recess or seat.

21. The inner frame section of any of claims 16 to 20, comprising a groove which defines the space adapted to receive the projection of the outer frame section, the projection comprising a tongue.

22. A method of constructing a framed panel structure comprising a sheet material having one or plural parallel panels each defined by opposing surfaces, and one or more peripheral edges extending between the opposing surfaces, the opposing surfaces terminating at the one or more peripheral edges, and wherein the method comprises:

fitting a first inner frame section to a first peripheral portion of a first surface of a panel, wherein the first peripheral portion is adjacent a peripheral edge;

fitting a second, separate inner frame section to a second peripheral portion of a second surface of a panel, wherein the second peripheral portion is adjacent a peripheral edge;

arranging the second surface to face in an opposite direction to that of the first surface; and

receiving, in an outer frame section, the sheet material with the first inner frame section fitted thereto, such that a space defined by the first inner frame section receives a first projection of the outer frame section, whereby the space of the first inner frame section, when the sheet material is fitted to the first inner frame section, cooperates with the received first projection to restrict movement of the received first inner frame section relative to the outer frame section

wherein the space of the first inner frame section is larger than the received first projection in at least one dimension by a tolerance value.

23. The method of claim 22, wherein the step of receiving further comprises:

receiving, in the outer frame section, the sheet material with the first inner frame section fitted thereto, such that a space defined by the second inner frame section receives a second projection of the outer frame section, whereby the space of the second inner frame section cooperates with the received second projection to restrict movement of the received second inner frame section relative to the outer frame section.