CLAIMS

1. A screen system comprising:

a mesh and/or other infill;

a frame including a plurality of frame assemblies surrounding the mesh and/or other infill;

at least one of the frame assemblies comprising:

an outer sash comprising a first sidewall and a second sidewall defining a first channel therebetween, each sidewall including at least one first engagement feature;

an inner sash received in the outer sash, the inner sash comprising a first leg and a second leg configured for engagement with the first and second sidewall, respectively, each leg including at least one second engagement feature configured for engagement with the at least one first engagement feature of a sidewall to facilitate retention of the inner sash within the first channel; and

an insulator received, at least in part, in the inner sash, the insulator configured to engage an end of the mesh and/or other infill in the insulator.

2. The screen system of claim 1, further comprising a first fastener engaging and retaining the mesh and/or other infill, the inner sash, and the insulator, the first fastener disposed in the first channel.

3. The screen system of claim 1, wherein the outer sash further comprises a second fastener, the second fastener configured to connect a first frame assembly to a second frame assembly.

4. The screen system of claim 1, wherein the two legs of the inner sash define a second channel therebetween, the second channel configured for receiving the insulator therein.

5. The screen system of claim 1, wherein the insulator comprises an elastomeric material.

6. The screen system of claim 1, wherein the insulator comprises a glue or adhesive configured to affix the mesh and/or other infill to the inner sash.

7. The screen system of claim 6, wherein the insulator comprises an adhesive strip composed, at least in part, of an epoxy or polyurethane material.

8. The screen system of claim 1, wherein the insulator comprises two lips that are configured for crimping to retain the mesh and/or other infill therebetween.

9. The screen system of claim 1, wherein the insulator comprises a cap portion that overlies and engages a first end of the first sidewall and a second end of the second sidewall.

10. The screen system of claim 1, wherein the at least one first engagement feature of each sidewall comprises a plurality of serrations, the first sidewall comprising a first plurality of serrations and the second sidewall comprising a second plurality of serrations.

11. The screen system of claim 10, wherein the at least one second engagement feature of each leg of the inner sash comprises a plurality of serrations, the first leg comprising a first plurality of serrations and the second leg comprising a second plurality of serrations.

12. The screen system of claim 1, wherein the at least one first engagement feature of each sidewall comprises a serration disposed at an end of each sidewall.

13. The screen system of claim 12, wherein the at least one second engagement feature of each leg of the inner sash comprises a serration disposed at an end of each leg.

14. The screen system of claim 1, wherein the at least one first engagement feature of each sidewall comprises a hook disposed between a first end and a second end of each sidewall.

15. The screen system of claim 14, wherein the at least one second engagement feature of each leg of the inner sash comprises a hook disposed between a first end and a second end of each leg.

16. The screen system of claim 1, wherein each leg of the inner sash comprises a plug portion at an end of each leg, the plug portion being wider than other portions of the leg.

17. The screen system of claim 16, wherein the insulator comprises a cap portion that overlies the plug portion of each leg.

18. The screen system of claim 1, wherein the inner sash comprises a projection and the outer sash comprises a cavity, the projection configured to be received in the cavity to seat the inner sash within the outer sash.