CLAIMS

What is claimed is:

1. A removable screen system for window/door frame, the system comprising:

a screen having a frame for holding a mesh sheet, the frame comprises rim members connected through a plurality of corner connectors, the screen further includes magnetic strips along the frame,

a retainer assembly for installing on the window frame, the retainer further includes magnetic strips corresponding to those on the screen for operationally holding the screen on the window/door frame;

wherein at least one of the corners of the removable screen system is integrated with a hinged flap that can be held by a user's hand when it is lifted up, the hinged flap is integrated on a corner apparatus of the retainer assembly, wherein the corner apparatus is adapted for installing on the window/door frame, the corner apparatus defines a slot for receiving and aligning one of the corner connector of the screen.

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2. The removable screen system according to claim 1, wherein the hinged flap is integrated on one of the corner connectors of the screen, the hinged flap can be operationally held by user hand for removing the screen from the retainer assembly.

~~3. The removable screen system according to claim 1, wherein the hinged flap is integrated on a corner apparatus of the retainer assembly, wherein the corner apparatus is adapted for installing on the window/door frame, the corner apparatus defines a slot for receiving and aligning one of the corner connector of the screen.~~

~~4.~~3. The removable screen system according to claim ~~3~~1, wherein the hinged flap on the corner connector further define a stopper for engaging the corner connector of the screen when the hinged flap is collapsed.

~~5.~~4. The removable screen system according to claim ~~4,~~3 the corner apparatus comprising:

an L-base bottom panel;

an L-base top panel;

an L-base side panel; and

wherein the L-base bottom and top panels are coupled by the L-base side panel to form an L-base with the slot that is configured to receive the corner connector of the screen, the L-base top panel further has a carve-out on its top surface, the hinged flap is linearly pivoted between the carve-out such that it can be collapsed and lifted up on the top panel.

~~6.~~5. The removable screen system according to claim ~~5~~4, wherein the hinged flap and the L-base top panel are coupled by a pivot pin being disposed at each side of the hinged flap and a corresponding pivot hole being formed on either side of the carve-out in the L-base top panel or vice versa.

~~7.~~6. The removable screen system according to claim ~~5~~4, wherein the hinged flap further comprises a stopper that is located near the inner intersection corner of the hinged flap and is able to pass over the L-base top panel, where the stopper has a length that is long enough to pass over the L-base top panel and reach the slot of the L-base when the hinged flap is in its collapsed position.

~~8.~~7. The removable screen system according to claim ~~5~~4, wherein the stopper comprises a protrusion on the L-base top panel, and a corresponding receiving hole for the protrusion on

the hinged flap; when the hinged flap is in its collapsed position, the protrusion is locked into the corresponding receiving hole.

~~9.~~8. The removable screen system according to claim 1, wherein the hinged flap is mounted on two bottom corner connectors of the screen.

~~10.~~9. The removable screen system according to claim ~~3~~2, wherein the corner apparatus is provided as two top corners of the retainer assembly installed on the window/door frame.

~~11.~~10. A corner apparatus for a removable screen system, the corner apparatus comprises a slot for receiving and aligning a corner connector of a screen as defined in any one of the preceding claims, and the hinged flap is adapted thereon for engaging the corner connector of the screen therein.

~~12. A corner connector for a screen of any one of the preceding claims, wherein the hinged flap is provided thereon as a handle for removing the screen from the window/door frame.~~