CLAIMS

1. A multiple pane window structure, comprising:

a face material provided on an indoor side of an existing window and approximately parallel to the existing window;

a pair of outside regulating members provided on an upper side and a lower side of the face material and on the indoor side of the existing window and on an outdoor side of the face material so as to regulate a movement of the upper side and the lower side of the face material toward the outdoor side;

a pair of inside regulating members detachably provided on the upper side and the lower side of the face material and on the indoor side of the face material so as to regulate a movement of the upper side and the lower side of the face material toward the indoor side, and

wherein the face material, the outside regulating members and the inside regulating members do not contact the existing window including an existing pane of glass and an existing sash.

2. The multiple pane window structure as claimed in claim 1, wherein the outside regulating members and the inside regulating members are attached and fixed to a location that forms a fixed surface in a room where the existing window is provided.

3. The multiple pane window structure as claimed in claim 1 or 2, wherein the outside regulating members are members having an L-shaped cross section.

4. The multiple pane window structure as claimed

in any one of claims 1 to 3, further comprising:

a cushioning material provided on the indoor side of each of the outside regulating members.

5. The multiple pane window structure as claimed in any one of claims 1 to 3,

wherein the outside regulating members are made of a magnetic substance, and

wherein the face material includes a gasket incorporating a magnet in a surface opposite to the outside regulating members, and the outside regulating members and the facing material are fixed by a magnetic force.

6. The multiple pane window structure as claimed in any one of claims 1 to 3,

wherein the indoor side of the outside regulating members includes a flat surface, and

wherein the face material includes a gasket including a suction cup in a surface opposite to the outside regulating members, and the outside regulating members and the facing material are fixed by adsorption.

7. The multiple pane window structure as claimed in any one of claims 1 to 6,

wherein the outside regulating members are formed as continuous members extending in a horizontal direction, and

wherein the outside regulating member provided on the lower side has a space having a depth formed by a projection or a recessed shape at its lower end on the outdoor side, and a seal member is provided in the space.

8. The multiple pane window structure as claimed in any one of claims 1 to 7, wherein a surface on one side of the face material is coated with a Low-E film.

9. A method for installing a multiple pane window structure, comprising:

attaching first and second outside regulating members to first and second fixed surfaces, respectively, present on an upper side and a lower side of a location on an indoor side of an existing window, the outside regulating members regulating a movement of an upper side and a lower side of a face material toward an outdoor side;

placing the face material at a neighborhood on the indoor side of the first and second outside regulating members;

attaching first and second inside regulating members to the first and second fixed surfaces, respectively, at a neighborhood on the indoor side of the face material, the inside regulating members regulating a movement of the upper side and the lower side of the face material toward the indoor side, and

wherein the face material, the outside regulating members and the inside regulating members do not contact the existing window including an existing pane of glass and an existing sash.