Claims

[Claim 1] A detachable generator device, comprising:

a film-like solar cell; and

attaching/detaching means for allowing the film-like solar cell to be attached to and detached from an attachment object at an installation location,

wherein the attaching/detaching means comprises an adhesive film having an attaching/detaching surface which develops Van der Waals force to enable repeated affixation, or an electrostatic chuck for forming an attaching/detaching surface by turning on/off a voltage source connected to an attraction electrode sandwiched between two insulating layers to freely develop electrostatic attraction on a surface of at least one of the insulating layers.

[Claim 2] A detachable generator device according to claim 1, wherein the attaching/detaching means is provided along an outer peripheral portion of the film-like solar cell on a light receiving surface side, the attaching/detaching surface is attached to a transparent attachment object such as a window, and the solar cell generates electric power using light received from the attachment object side.

[Claim 3] A detachable generator device according to claim 1, wherein the attaching/detaching means is provided so as to surround an outer periphery of the film-like solar cell so that the attaching/detaching surface is flush with the solar cell, a support sheet is affixed

to a rear surface side thereof so that the solar cell and the attaching/detaching means are integral with each other, the attaching/detaching surface is attached to a transparent attachment object such as a window, and the solar cell generates electric power using light received from the attachment object side.

[Claim 4] A detachable generator device according to claim 1, wherein the adhesive film or the electrostatic chuck which forms the attaching/detaching means is formed of a transparent material and is bonded to a light receiving surface side of the film-type solar cell, the attaching/detaching surface is attached to a transparent attachment object such as a window, and the solar cell generates electric power using light received from the attachment object side.

[Claim 5] A detachable generator device according to claim 1, wherein the attaching/detaching means is provided on a side opposite to a light receiving surface of the film-like solar cell, the attaching/detaching surface is attached to the attachment object, and the solar cell generates electric power using light received on a side opposite to the attachment object.

[Claim 6] A detachable generator device according to any one of claims 1 to 5, wherein the generator device further comprises a booster circuit, and part of electric power generated by the solar cell is boosted and supplied to the attraction electrode of the

electrostatic chuck to develop the electrostatic attraction.

[Claim 7] A detachable generator device according to any one of claims 1 to 6, wherein the insulating layers forming the electrostatic chuck comprise flexible resin sheets.

Claims

[Claim 1] (Currently amended) A detachable generator device, comprising:

a film-like solar cell; and

attaching/detaching means for allowing the film-like solar cell to be attached to and detached from an attachment object at an installation location,

wherein the attaching/detaching means comprises an electrostatic chuck for forming an attaching/detaching surface by turning on/off a voltage source connected to an attraction electrode sandwiched between two insulating layers to freely develop electrostatic attraction on a surface of at least one of the insulating layers, and the electrostatic chuck has the insulating layers and the attraction electrode each formed of a transparent material and is bonded to a light receiving surface side of the film-type solar cell.

[Claim 2] (Canceled)

[Claim 3] (Canceled)

[Claim 4] (Currently amended) A detachable generator device according to claim 1, wherein the attaching/detaching surface is attached to a transparent attachment object such as a window, and the solar cell generates electric power using light received from

the attachment object side.

[Claim 5] (Canceled)

[Claim 6] (Currently amended) A detachable generator device according to claim 1, wherein the generator device further comprises a booster circuit and part of electric power generated by the solar cell is boosted and supplied to the attraction electrode of the electrostatic chuck to develop the electrostatic attraction.

[Claim 7] (Currently amended) A detachable generator device according to claim 1, wherein the insulating layers forming the electrostatic chuck comprise flexible resin sheets.

Claims

[Claim 1] A detachable generator device, comprising:

a film-like solar cell; and

attaching/detaching means for allowing the film-like solar cell to be attached to and detached from an attachment object at an installation location,

wherein the attaching/detaching means comprises an electrostatic chuck for forming an attaching/detaching surface by turning on/off a voltage source connected to an attraction electrode sandwiched between two insulating layers to freely develop electrostatic attraction on a surface of at least one of the insulating layers, and the electrostatic chuck has the insulating layers and the attraction electrode each formed of a transparent material and is bonded to a light receiving surface side of the film-type solar cell.

[Claim 2] A detachable generator device according to claim 1, wherein the attaching/detaching surface is attached to a transparent attachment object such as a window, and the solar cell generates electric power using light received from the attachment object side.

[Claim 3] A detachable generator device according to claim 1, wherein the generator device further comprises a booster circuit and part of electric power generated by the solar cell is boosted and supplied to the attraction electrode of the electrostatic chuck to develop the electrostatic attraction.

[Claim 4] A detachable generator device according to claim 1, wherein the insulating layers forming the electrostatic chuck comprise flexible resin sheets.