asymmetric refractive prisms, such that the first solar light redirecting layer and the second solar light redirecting layer are not identical or mirror images.

In some embodiments, the articles further comprise a second glazing substrate. The second glazing substrate may be disposed on the first glazing substrate, or the second glazing substrate may be disposed on the light management construction. In some embodiments, the second glazing substrate is parallel to the first glazing substrate and separated from the first glazing substrate by a void space. In some embodiments, the light management construction is located within this void space.

In an aspect, there is provided a light management construction comprising: an optical substrate having a first major surface and a second major surface opposite the first major surface; a first solar light redirecting layer disposed on the first major surface of the optical substrate, wherein the first solar light redirecting layer comprises a first microstructured surface comprising a first periodic ordered arrangement of a plurality of multi-sided refractive prisms; and a second solar light redirecting layer disposed on the second major surface of the optical substrate, wherein the second solar light redirecting layer comprises a second microstructured surface comprising a second periodic ordered arrangement of a plurality of multi-sided refractive prisms, such that the first solar light redirecting layer and the second solar light redirecting layer are not identical or mirror images, wherein the periods of the periodic arrangements are the same or whole number multiples of each other, and wherein asymmetric refractive prisms of the first solar light redirecting layer and asymmetric refractive prisms of the second solar light redirecting layer comprise the same shape and the periods are misregistered.

In another aspect, there is provided an article comprising: a first glazing substrate; a light management construction attached to the first glazing substrate, the light management construction comprising: an optical substrate having a first major surface and a second major surface opposite the first major surface; a first solar light redirecting layer disposed on the first major surface of the optical substrate, wherein the first solar light redirecting layer comprises a first microstructured surface comprising a first periodic ordered arrangement of a plurality of multi-sided refractive prisms; and a second solar light redirecting layer, wherein the second solar light redirecting layer disposed on the

second major surface of the optical substrate comprises a second microstructured surface comprising a second periodic ordered arrangement of a plurality of multi-sided refractive prisms, such that the first solar light redirecting layer and the second solar light redirecting layer are not identical or mirror images, wherein the periods of the periodic arrangements are the same or whole number multiples of each other, and wherein asymmetric refractive prisms of the first solar light redirecting layer and asymmetric refractive prisms of the second solar light redirecting layer comprise the same shape and the periods are misregistered.

Brief Description of the Drawings

The present application may be more completely understood in consideration of the following detailed description of various embodiments of the disclosure in connection with the accompanying drawings.

Figure 1 shows a cross sectional view of a registered dual-sided microstructured film.

Figure 2 shows a cross sectional view of a misregistered dual-sided microstructured film.

Figure 3 shows a cross sectional view of a dual-sided light redirecting film of this disclosure.

Figure 4 shows a cross sectional view of a dual-sided light redirecting film of this disclosure.

Figure 5 shows a cross sectional view of a comparative single-sided light redirecting film.

Figure 6 shows a cross sectional view of a dual-sided light redirecting film of this disclosure.

In the following description of the illustrated embodiments, reference is made to the accompanying drawings, in which is shown by way of illustration, various embodiments in which the disclosure may be practiced. It is to be understood that the embodiments may be utilized and structural changes may be made without departing from the scope of the present disclosure. The figures are not necessarily to scale. Like numbers used in the figures refer to like components. However, it will be understood that the use