WHAT IS CLAIMED IS:

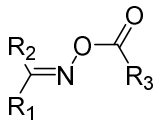
1. A photocurable composition comprising a polymerizable material and at least one photoinitiator, wherein

   the polymerizable material comprises at least one multi-functional vinylbenzene monomer in an amount of at least 30 wt% based on the total weight of the polymerizable material;

   the at least one photoinitiator including an oxime ester compound; and

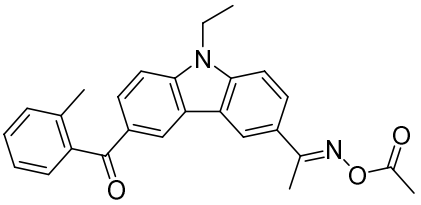
   the photocurable composition is adapted that a UV shrinkage after forming a photo-cured layer at 23°C is not greater than 4.0 %.

2. The photocurable composition of claim 1, wherein the oxime ester compound has a structure of formula (1):



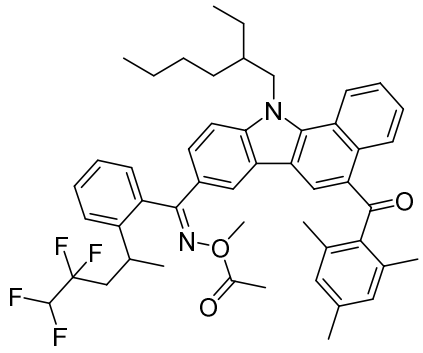
(1), with R_1 being an aromatic ring system or a heteroaromatic ring system, R_2 being H or C_1-C_8 alkyl, R_3 being H or C_1-C_8 alkyl.

3. The photocurable composition of claim 2, wherein the oxime ester compound includes a structure of formula (2):



(2).

4. The photocurable composition of claim 1, wherein the oxime ester compound includes a structure of formula (3):



(3).

5. The photocurable composition of claim 1, wherein an amount of the oxime ester compound is at least 1 wt% and not greater than 7 wt% based on a total weight of the photocurable composition.

6. The photocurable composition of claim 1, wherein the at least one photoinitiator further includes a photoinitiator not being an oxime ester compound.

7. The photocurable composition of claim 1, wherein the multi-functional vinylbenzene monomer includes at least three vinyl groups.

8. A method of forming a photo-cured layer on a substrate, comprising:

applying a layer of a photocurable composition on the substrate, wherein the photocurable composition comprises a polymerizable material and at least one photoinitiator, the polymerizable material comprising at least one multi-functional vinylbenzene monomer in an amount of at least 30 wt% based on the total weight of the polymerizable material; and the at least one photoinitiator including an oxime ester compound;

bringing the photocurable composition into contact with a template or a superstrate;

irradiating the photocurable composition with light to form a photo-cured layer; and

removing the template or the superstrate from the photo-cured layer.

9. The method of claim 8, wherein irradiating the photocurable composition is conducted with UV light, and a UV shrinkage after forming the photo-cured layer is not greater than 4.0 %.

10. A method of manufacturing an article, comprising:

applying a layer of a photocurable composition on the substrate, wherein the photocurable composition comprises a polymerizable material and at least one photoinitiator, the polymerizable material comprising at least one multi-functional vinylbenzene monomer in an amount of at least 30 wt% based on the total weight of the polymerizable material; and the at least one photoinitiator including an oxime ester compound;

bringing the photocurable composition into contact with a template or a superstrate;

irradiating the photocurable composition with light to form a photo-cured layer;

removing the template or the superstrate from the photo-cured layer;

forming a pattern on the substrate;

processing the substrate on which the pattern has been formed in the forming; and manufacturing an article from the substrate processed in the processing.