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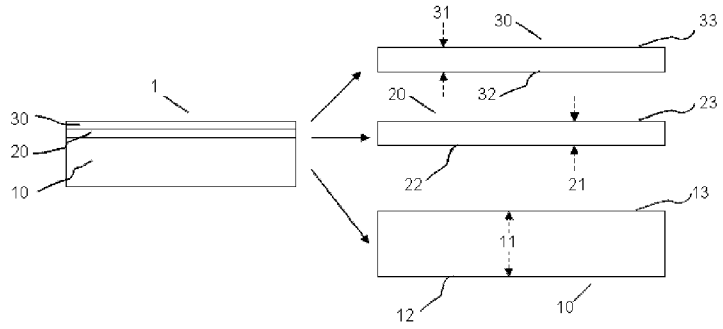
(54) **Title**: TRANSPARENT MULTILAYERED CARBONATE ARTICLES AND METHOD TO MANUFACTURE THEREOF

FIG. 1



(57) **Abstract**: Disclosed is a transparent multilayer article comprising a core layer comprising a thermoplastic carbonate polymer; a first layer comprising a carbonate thermoplastic polymer and an infrared (IR) absorbing additive; and a second layer comprising a thermoplastic carbonate polymer and a ultraviolet (UV) absorbing stabilizer, wherein the first layer does not contain an UV absorbing additive and the second layer does not contain an IR absorbing additive. Disclosed herein too, is a method for manufacturing a transparent multilayer article comprising melt blending a first thermoplastic carbonate polymer composition to produce a core layer; melt blending a second thermoplastic carbonate polymer composition with an IR absorbing additive to produce a first layer; and melt blending a third thermoplastic carbonate polymer composition with an UV absorbing stabilizer; combining the core layer, first layer, and second layer such that the first layer is disposed between the core layer and the second layer such that a first surface of the first layer is in intimate contact with a first surface of the core layer and a second surface of the first layer is in intimate contact with a first surface of the second layer.

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