different substrates and different detectors may require a different quality or quantity of light for optimum end point detection. Thus, there remains in the art a need for improved polishing pads with optically transmissive regions.

BRIEF SUMMARY OF THE INVENTION

[0004] A first aspect of the present invention~~The invention~~ provides a polishing pad comprising an optically transmissive region, wherein the polishing pad comprises (a) a polishing pad body comprising a first region and a second region, wherein the first region is opaque, wherein the second region is optically transmissive, wherein the second region has at least one recess formed therein, and (b) at least one translucent insert integrated into the at least one recess, wherein the polishing pad body comprises a first porous material and the at least one translucent insert comprises a second porous material that differs from the first porous material.

[0005] A second aspect of the present invention~~The invention also~~ provides a method for making a polishing pad having an optically transmissive region, comprising the steps of (a) providing a polishing pad body, wherein the polishing pad body comprises a first porous material, (b) forming at least one recess within the polishing pad body~~ of at least one part of the polishing pad body~~, (c) providing at least one translucent insert, wherein the translucent *insert comprises a second porous material that differs from the first porous material, and (d)* adhering the at least one translucent insert to the recess to provide a polishing pad having at least one optically transmissive region.

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S)

[0006] FIG. 1 is a cross-sectional view of a polishing pad in accordance with an embodiment of the invention.

[0007] FIG. 2 is a cross-sectional view of a polishing pad in accordance with an embodiment of the invention.

[0008] Figures 3A-3C depicts representative surface textures of translucent windows in accordance with certain embodiments of the invention.

[0009] FIG. 4 is a cross-sectional view of a polishing pad in accordance with an embodiment of the invention.

[0010] FIG. 5 is a cross-sectional view of a polishing pad in accordance with an embodiment of the invention.