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(71) Applicant (for all designated States except US): **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(72) Inventors: **WEIGEL, Mark D.**; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **ROEHRIG, Mark A.**; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **NACHTIGAL, Alan K.**; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **KIDANE, Samuel**; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **HENDERSON, Andrew J.**; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(74) Agents: **GROSS, Kathleen B.**, et al.; 3M Center Office of Intellectual Property Counsel Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

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— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: BARRIER ASSEMBLY WITH ENCAPSULANT AND PHOTOVOLTAIC CELL

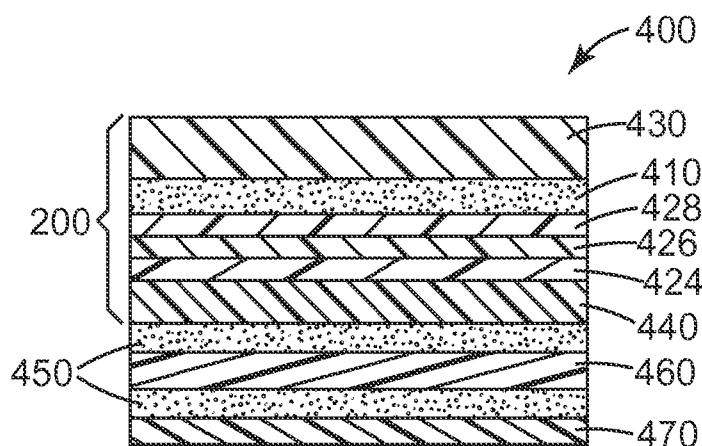


Fig. 4

(57) Abstract: An assembly that includes an encapsulant, a first polymeric film substrate disposed on the encapsulant, a barrier film disposed on the first polymeric film substrate, a pressure sensitive adhesive layer disposed on the barrier film, and a second polymeric film substrate disposed on the pressure sensitive adhesive. The first polymeric film substrate has a first coefficient of thermal expansion. The second polymeric film substrate has a second coefficient of thermal expansion that is higher than the first coefficient of thermal expansion. The second polymeric film substrate is typically resistant to degradation by ultraviolet light. The assembly is transmissive to visible and infrared light. In some embodiments, the encapsulant layer is on a photovoltaic cell.





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