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(71) Applicant *(for all designated States except US)*: **AKRION, LLC** [US/US]; 6330 Hedgewood Drive, Suite 150, Allentown, PA 18106 (US).

(72) Inventor; and
(75) Inventor/Applicant *(for US only)*: **MYLAND, Lawrence, J.** [US/US]; 1599 Montvale Circle, West Chester, PA 19380 (US).

(74) Agent: **COZEN O'CONNOR**; 1900 Market Street, Philadelphia, PA 19103 (US).

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(54) Title: CAPILLARY DRYING OF SUBSTRATES

(57) Abstract: An apparatus and method for drying substrates. The inventive apparatus comprises: an object support member for supporting at least one substrate in a process tank having one or more support sections comprising capillary material. The inventive method is a method of removing liquid from a wet substrate in a process tank comprising contacting the wet substrate with capillary material. In another aspect, the invention is a method of drying at least one substrate having a surface in a process tank comprising: submerging the substrate in a liquid having a liquid level; supporting the submerged substrates in the process tank; supplying a drying vapor above the liquid level; lowering the liquid level or raising the substrate so that the liquid level is below the substrate, thereby removing a major portion of liquid from the substrate surface; and removing remaining liquid from the substrate surface with capillary material.