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(71) Applicant (for all designated States except US): **VESUVIUS CRUCIBLE COMPANY** [US/US]; 103 Foulk Road, Suite 32, Wilmington, De 19803 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DAILY, Alan** [US/US]; 361 SR 168, Darlington, PA 16115 (US). **HALL, Mark** [US/US]; RD 5 Box 520, New Castle, PA 16105 (US). **DODSWORTH, John** [GB/US]; 2440 Darlington Road, Beaver Falls, PA 15010 (US). **HOGGARD, Dale** [US/US]; 1400 Iroquis Drive, Pittsburgh, PA 15205 (US). **BUCKO, Dwayne** [US/US]; 41 Canter Drive, Sewickley, PA 15143 (US).

(74) Agent: **WILLIAMS, James**; 2625 Wilmington Road, New Castle, Pa 16105 (US).

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(54) Title: NON-DUSTING ROLL FOR TFT GLASS

(57) Abstract: A refractory roll cover is described that reduces the amount of noxious dust during the production of glass sheet. The roll cover comprises a plurality of segments, including low dusting millboard segments mechanically supported by highly rigidized compressed fiber segments. The millboard segments are adapted to contact the glass sheet. The millboard is chosen so that any dust produced has little affinity for the glass sheet or is not easily fluidized by convective currents. The highly rigidized compressed fiber has a fused surface that releases little dust. The resultant roll cover substantially eliminates dusting while providing a mechanically superior roll cover.



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