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Light Pipes: Roll Engravings for Extruded/Casted Thin-Lens Structures

August 17, 2015 - LentiClear Lenticular Lens, Inc. (dba) Jacobsen Lenticular Tool & Cylinder Engraving Technologies Co. (JacoTech) Chicago, Illinois USA

JacoTech is at the forefront of optical lens design/engineering and cylinder engraving technologies for optical cylinder mold part components, and develops a new advanced product for lower cost, industrial volumetric thin-lens plastic extrusion/casted roll production of microstructured light pipes, used for the management of active light distribution control.

Emphasis is placed on producing lower cost thin-gauge plastic processed roll extrusion/casted materials, as compared to previous more costly and slower production techniques.

Creating the new powerful optical pipe lighting lens element opens up new channels for low-cost manufacturing of unique mass produced consumer end lighting products for our global lighting and film material customers.

JacoTech expertly manufactures large sized and heavy weight plastic processing cylindrical/roll/drum/mandrel based optical pattern engraved mold parts; using the most advanced custom built CNC multiple-axis diamond turning/milling /fly-cutting/laser-ablation/rotary table machining centers.

Inquires are welcome for R&D purposes, while leading to new extruded/casted and injection molded light structures of: OLED/LED lighting products; lenticular lens arrays; optical films; and mechanical energy control structured components by contacting Dr. Gary A. Jacobsen through LinkedIn.