TP Solar, Inc. Patents

Low Mass Transport Systems

The US Patent Office has issued US Patent 8,039,289 to TP Solar, Inc. on an energy-efficient solar cell wafer transport. TPSI's VP of Engineering, Richard Parks of Joyce, WA comments that "This patent confirms the technical advance that TPSI's innovative ultra low mass conveyor transport conveyor system brings to the solar cell processing industry." Mr. Parks is the principal inventor of the patented transport. The patented TPSI low-mass wafer transport system reduces solar cell processing energy requirements and eliminates contamination during diffusion firing. In addition, TPSI's furnaces employ a High Intensity IR Zone which rapidly photo-radiation conditions the wafers, so that diffusion occurs > 3X faster.

ILG assisted TP Solar, Inc. in the preparation, filing and prosecution of several US and foreign patents on the system. ILG is the premier patent and trademark firm on the Olympic Peninsula, offering over 45 years experience in all phases of Intellectual Property and related business counseling from its Sequim office. ILG can be reached at 360-681-7305 or www.InnovationLaw.com.