



SYSTEMS AND METHODS FOR IMPROVED COMPUTED TOMOGRAPHY USING PHOTON-COUNTING DETECTORS

[View U.S. Patent No. 12,336,849 in PDF format.](#)

WARF: P220199US01

Inventors: Ke Li, Guang-Hong Chen

The Invention

UW researchers present a novel hybrid photon counting detector for imaging. The novel design addresses the fundamental limitations of current silicon PCD technology by replacing the metallic spacers with high-Z scintillator and light sensors to salvage information carried by scattered X-rays.

Additional Information

For More Information About the Inventors

- [Ke Li](#)
- [Guang-Hong Chen](#)

Tech Fields

- [Medical Imaging : CT](#)
- [Medical Imaging : X-ray](#)

For current licensing status, please contact Jeanine Burmania at jeanine@warf.org or 608-960-9846