

Nano-Wire Based Retinal Implants

Tech ID: 21240 / UC Case 2010-348-0

TECHNOLOGY DESCRIPTION

Recently, a joint research team at UC San Diego developed a new model for a retinal prosthesis, applying single-photon sensitive nano-wires as artificial rods and cones within the human eye. This therapy will provide great relief to patients suffering from age-related macular degeneration and retina pigmentosa.

Presently the technology is undergoing advanced testing through a partnership between UC San Diego's Jacobs School of Engineering, Institute for Neural Computation and the Jacobs Retina Center. Additional patient trials are required, but interested parties are invited to meet the research team and learn about this exciting new technological opportunity.

INTELLECTUAL PROPERTY INFO

Commercial license rights are available, as are opportunities to partner on clinical trials.

PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	9,381,355	07/05/2016	2010-348

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OTHER INFORMATION

CATEGORIZED AS

- **Medical**
 - Devices
 - Disease: Ophthalmology and Optometry
- **Nanotechnology**
 - NanoBio

RELATED CASES

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