

inov.com

520-881-6007

PRODUCT EXAMPLES

Wearable magnification for surgeons

Our optical and mechanical designs prove to be winning combinations that generated an estimated \$60 million over the last eight years.

To this day, our designs are the benchmark for comfort and clarity over a wide field of view.

Brightest and lightest headlamp

Fifty thousand physicians and dentists around the world use our headlamp designs whenever they need hands-free illumination without making compromises to comfort.

Machine vision

We surpass specifications and developed a custom camera and illumination system that more than doubled the capacity for the leading US Pick and Place equipment manufacturer.

Entertainment solution

Walt Disney gives celebrity animatronic figures dynamic faces, with realistic expressions and movements using our optical system.

OPTICAL PRODUCT DESIGN & DEVELOPMENT



Medical product
development

LED Systems

Illumination

Imaging

Optical Systems

Opto-Mechanical

Laser Systems

INOV  **INC.**
OPTICAL PRODUCT DESIGN & DEVELOPMENT

SYSTEM DESIGN & ENGINEERING

LEDs and illumination

When sensors at a packaging plant couldn't identify color codes speeding by at 25 miles per hour, we rapidly integrated a Luxeon LED with custom illumination and sensors. Today even the faintest color codes can be read.

Additional technologies

Leading organizations in the medical, entertainment and semiconductor industries have successfully integrated our designs into their optical products and systems. We have a proven track record of success with:

- LED Illumination
- Imaging & CCD Cameras
- Laser System
- Optical Design
- Illumination Design
- Opto-Mechanical Design
- Miniature Optics for Endoscopy
- Optical Sensors
- Prototyping

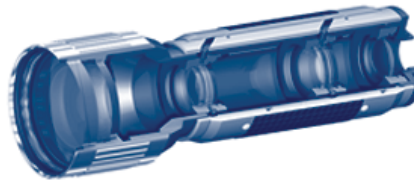
RECOVERY STRATEGIES

Should your optical product or system fail to meet specifications or achieve high levels of customer satisfaction, count on us to collaborate professionally with your team, identify the root cause and recommend a corrective course of action.

Fred Bushroe is the president of INOV. Prior to founding INOV in 1992, Mr. Bushroe worked on projects for Walt Disney and Hewlett-Packard. Mr. Bushroe holds six patents with five patents pending. Today he personally directs every project at INOV ensuring the highest levels of customer service and engineering excellence. Mr. Bushroe earned his Master's Degree in Optical Science from the prestigious University of Arizona's College of Optical Sciences.



LED Illumination Design



Lens and Opto-Mechanical Designs