

# An Integrated RGB Engine for the New Generation

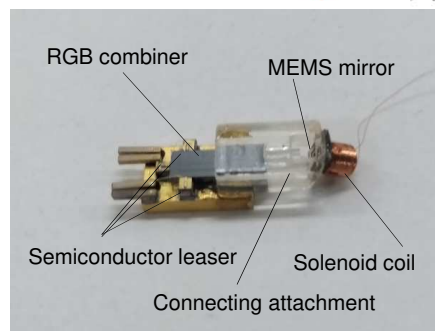
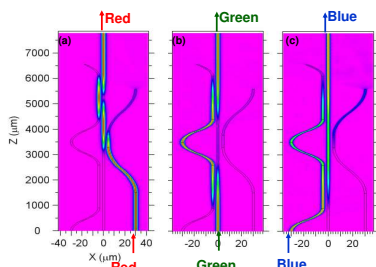
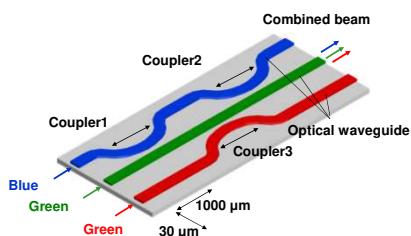
Creating an Innovative Optoelectronics Industry by a Light-controllable 'One-chip' Device

## Integrated RGB Engine<sup>®</sup> (Ultra-small Integrated Optical Engine)

- Demonstrating the world's first RGB combiner comprising optical waveguides.

Patent registration no.: 5817022 Other

FT-GoHAR<sup>™</sup>  
Fukui, Triple waveGuide Optical chip for HAArmonically arranged light emitting unit



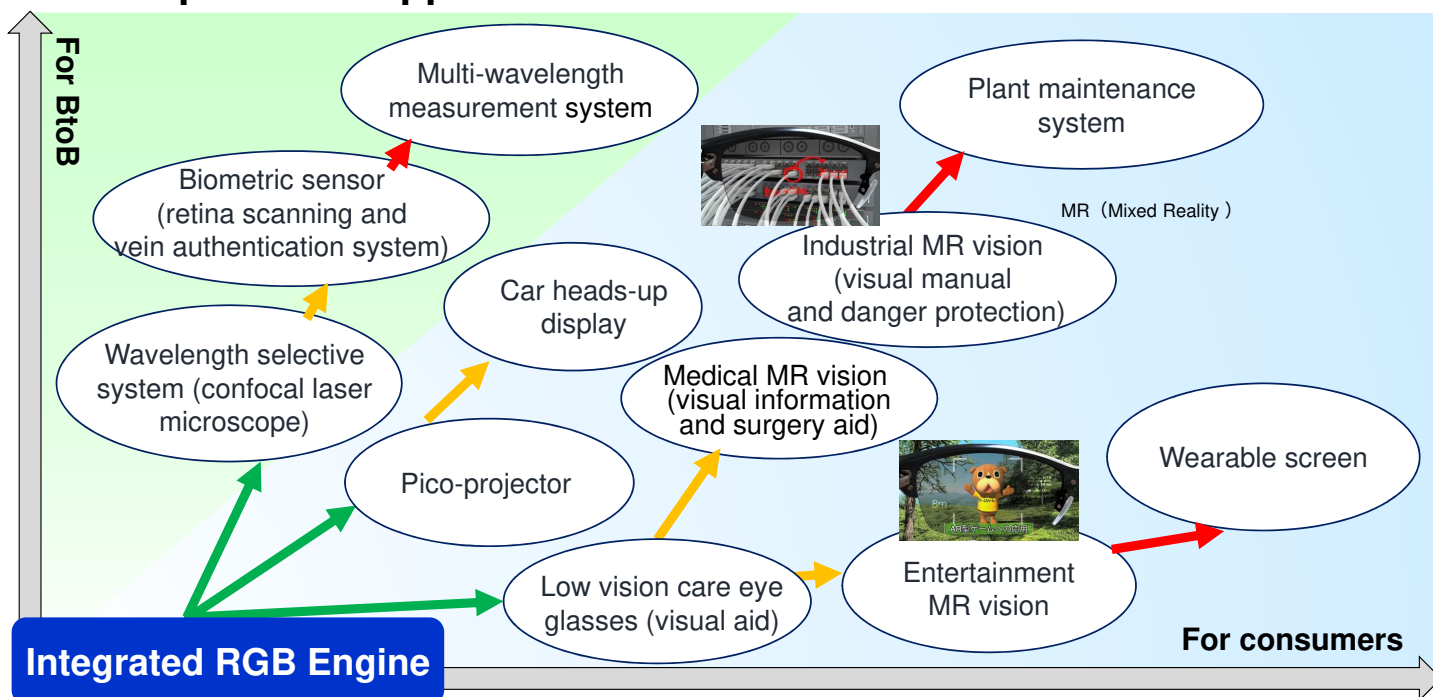
An optical waveguide-type combiner

Light beam transmission path

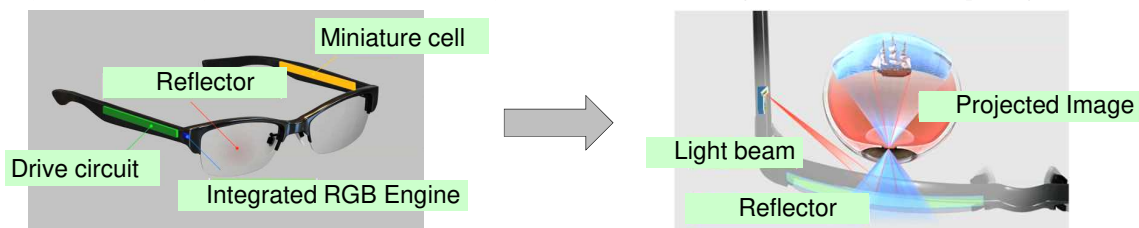
Integrated RGB Engine prototype

## Expanding the optical application

- Development of applications



- Loading an Integrated RGB engine on the eye wear display



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※The product is manufactured and sold by KST world using patented technology of University of Fukui.