

OLYMPUS

Your Vision, Our Future



New Business, research and development

Nobuyuki “Nick” Koyama

Oct.29.2009 @ US-ATMC

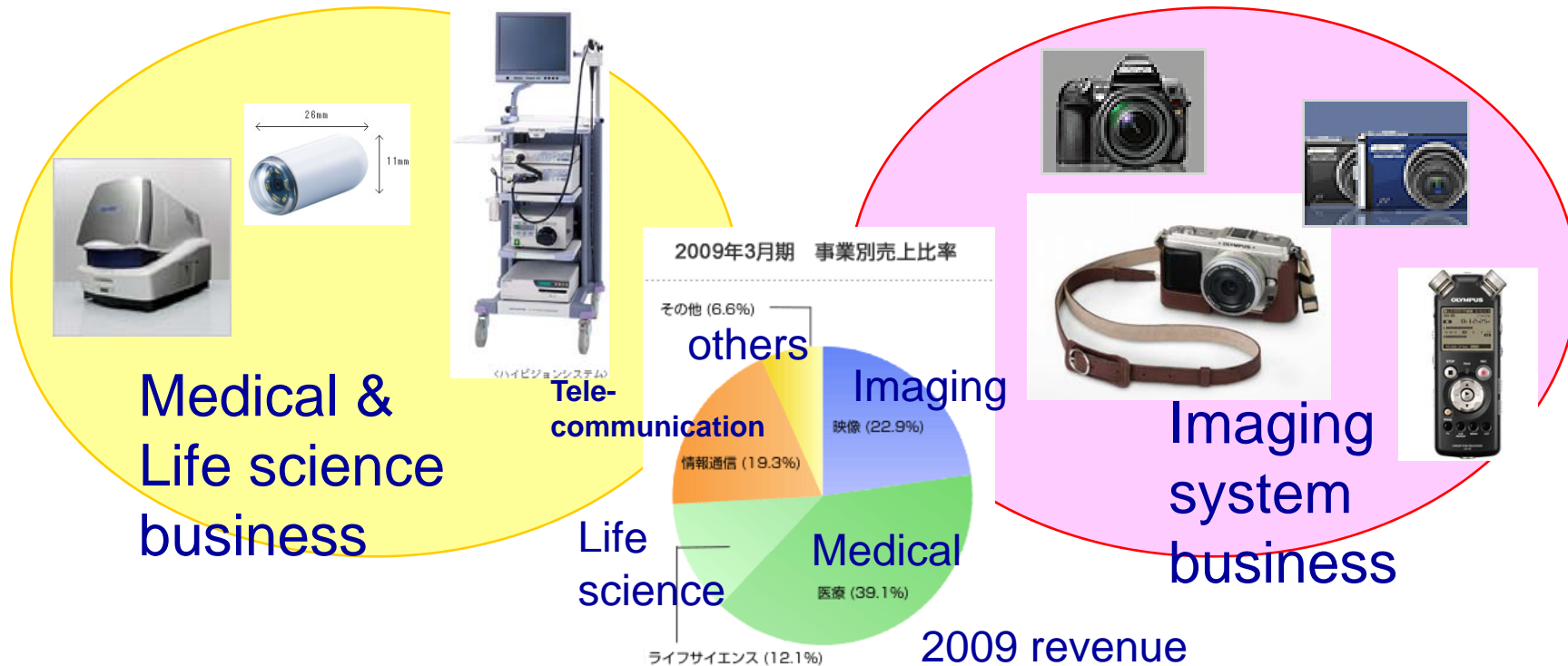
OLYMPUS Corporation

Opto Digital Technology

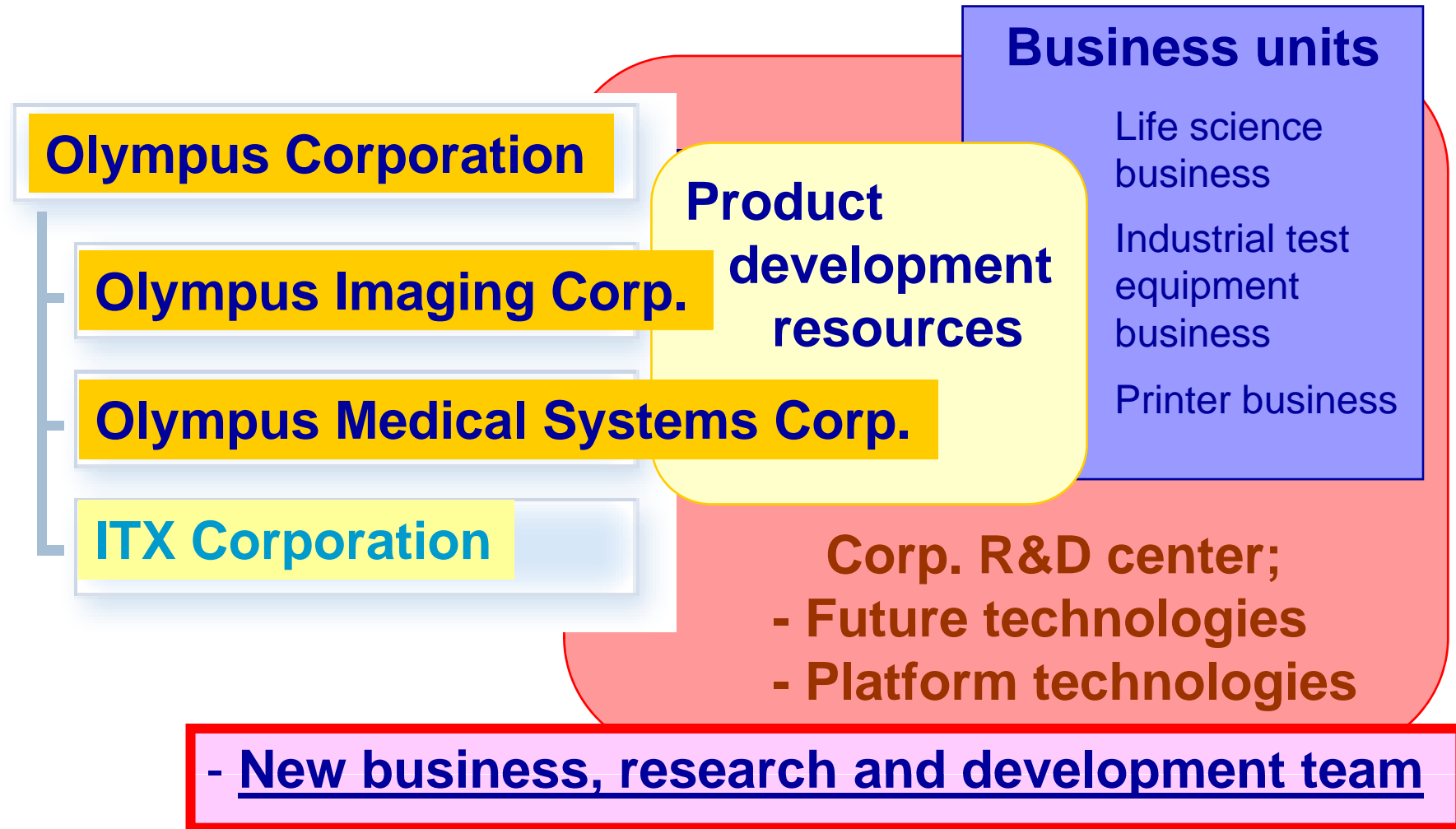
<Olympus group>

◆ Mission;

- To help people around the world have healthier and more fulfilling lives.



< Olympus group, R&D >



< About the New Business, Research and Development team >

◆ **Location;**

- Mountain View, CA

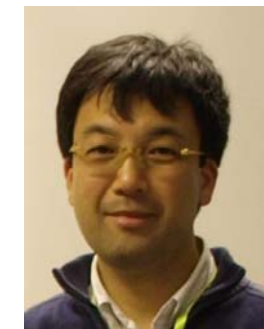
◆ **History;**

- Since 2004

◆ **Head count;**

- 2

- » Nobuyuki “Nick” Koyama / Imaging & ICT
- » Yuji Takamiya / Medical, life science



< About the New Business, Research and Development team >

◆ **Mission;**

- Search technologies that are relevant for the future R&D strategy.
- Create relationship with local key persons, facilities and start-ups.

◆ **Methods;**

- Joint research/development
- Investment

◆ **Budget;**

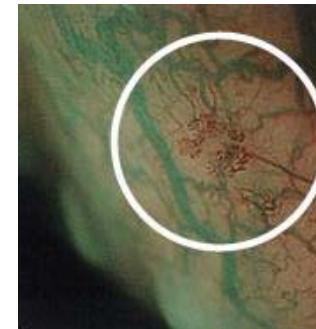
- From the Corp. R&D, project by project.

< Our interests >

◆ Focal points in three major domains;

– 1. Imaging technologies

- » New methods of image reconstruction / processing
- » Object/motion recognition
 - ◆ Lesion detection
 - ◆ Tagging
- » Blood vessel visualization
- » Nerve fiber visualization



– 2. Information communication technologies

- » Large scale image data handling
 - ◆ For digital microscope images
- » In vivo medical device navigation
- » Body area network



< Our interests >

◆ Focal points in three major domains;

– 3. Medical and life science

» Devices

- ◆ Energy treatment equipment
- ◆ New technologies in modality, other than endoscopy



» Microscopes

- ◆ Imaging Software

» Regenerative medicine

- ◆ Cell Therapy, Biomaterials
- ◆ Adhesive, homeostasis



» Healthcare solutions

- ◆ Physical check-up
 - Glucose monitors, bio sensors

< Our interests >

◆ Trends;

- Technology
 - » Medical devices
 - » Imaging technologies
 - » New camera culture
- Business
 - » New scheme / Business model



Thank you!





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