

3D Imaging System

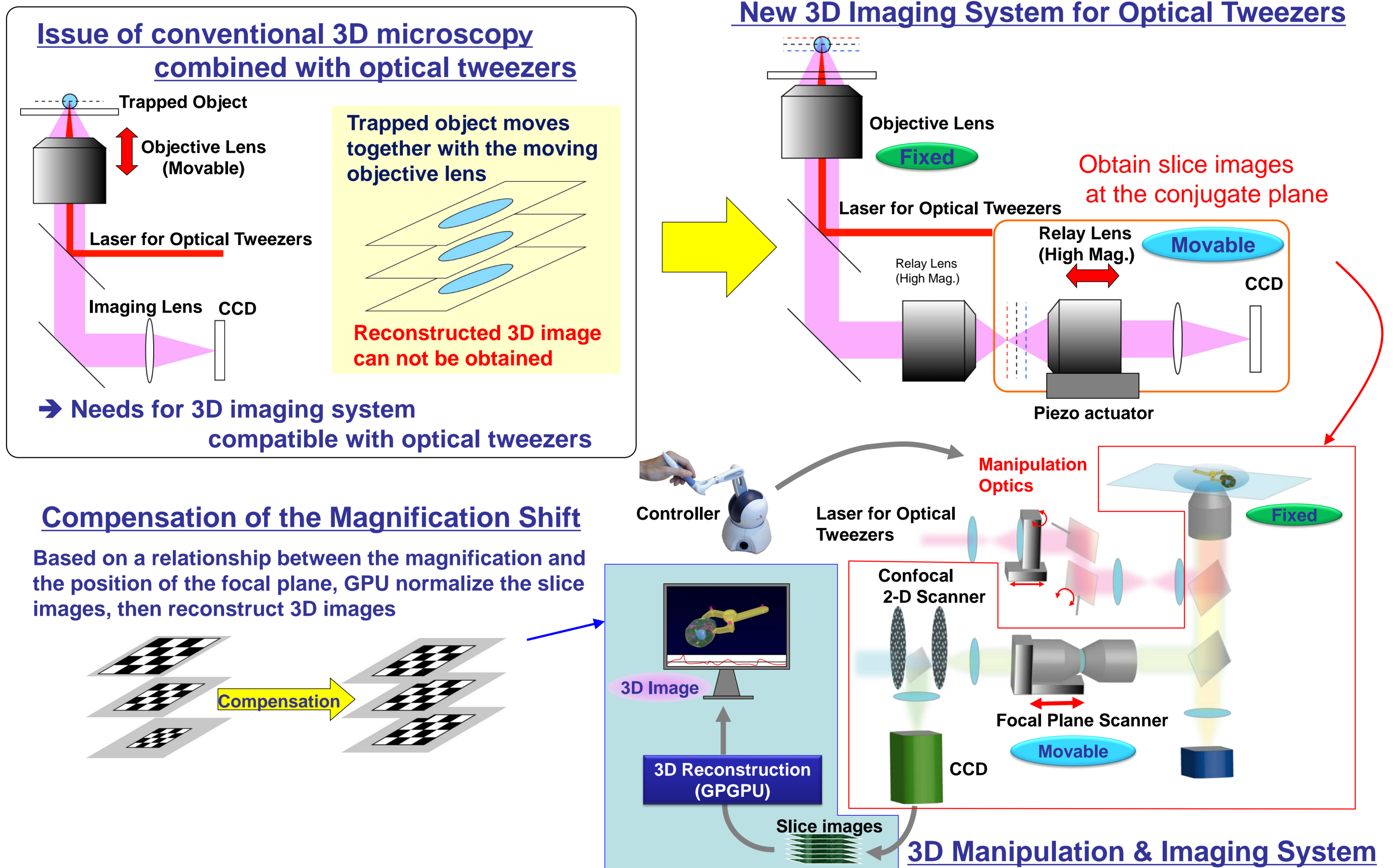
New Realtime 3D Imaging System combined with Confocal Microscope and Optical Tweezers

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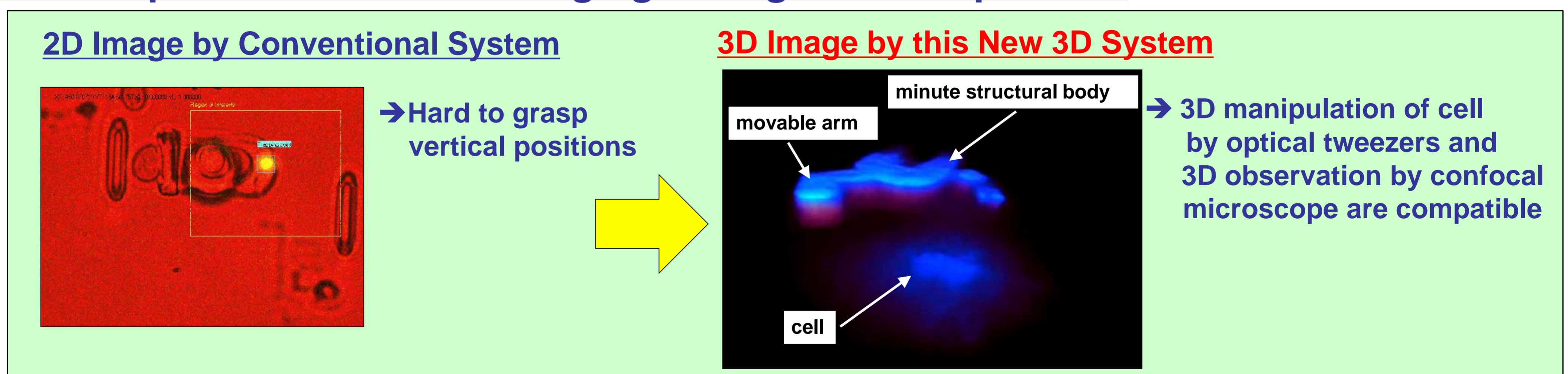
1. Introduction

Realtime 3D imaging system combined with a confocal microscope and optical tweezers has been newly developed. It is possible to provide a 3D confocal microscope which can acquire a 3D image of a specimen during a manipulation of the specimen using optical tweezers without affecting an optical trap.

2. Key Features, Principle of the Invention



3. Example of Realtime 3D Imaging during Cell Manipulation



4. Application Examples

-Three-dimensional observation and manipulation of cells, DNA in life science field

5. Patent Licensing Available

Patent No.: WO2012/035903 Patent Family

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