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3D ENTITY DIGITAL MAGNIFYING GLASS SYSTEM HAVING 3D VISUAL INSTRUCTION FUNCTION

ABSTRACT

Object

The present invention provides a three-dimensional digital entity mesoscope technique-assisting and guidance/educational distribution system equipped with three-dimensional visual instruction functions by means of image composition that enables a three-dimensional visual instruction containing a depth when giving a visual instruction to an HMD worn by a practitioner.

Solution for Problem

A three-dimensional digital entity mesoscope technique-assisting and guidance/educational distribution system equipped with three-dimensional visual instruction functions by means of image composition for utilizing digital entity mesoscopes of the same standards worn by a practitioner and an instructor to thereby display only images of a pointing device or various kinds of instruments among image information of the instructor's CCD camera and synchronously and compositely displaying a three-dimensional visual instruction image output from an image processing apparatus that can display an after-image of said image for an arbitrary time setting into image information of the CCD camera of the digital entity mesoscope



worn by said practitioner, thereby providing equal-scaling display of image information to which an instruction and a comment by use of a visual display/instruction image are added three-dimensionally as well as an instrument actually used by the instructors (groups of lecturers) on the three-dimensional HMD of the practitioner.

FIG. 2