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(12) United States Patent Watanabe

(54) VIRTUAL IMAGE DISPLAY PROGRAM, VIRTUAL IMAGE DISPLAY APPARATUS, AND VIRTUAL IMAGE DISPLAY METHOD

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patent is extended or adjusted under 35

U.S.C. 154(b) by 347 days.

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G06T 19/00 (2011.01)

A63F 13/211 (2014.01)

G06F 9/451 (2018.01)

G06F 3/0484 (2013.01)

A63F 13/428 (2014.01)

(52) U.S. Cl.

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(45) **Date of Patent:** Sep. 10, 2019

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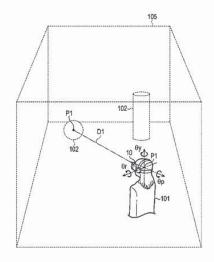
(Continued)

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(57) ABSTRACT

A game processing apparatus displays an image of virtual space on a display that displays an image by using a sensor for identifying the position and direction of a certain body part of a player and the display. A controller in the game processing apparatus displays the image of the virtual space on the display in accordance with the position and direction of the certain body part of the player, and, when an information providing condition regarding the position and direction of the certain body part of the player is satisfied, outputs to-be-provided information.

9 Claims, 5 Drawing Sheets





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FIG. 1

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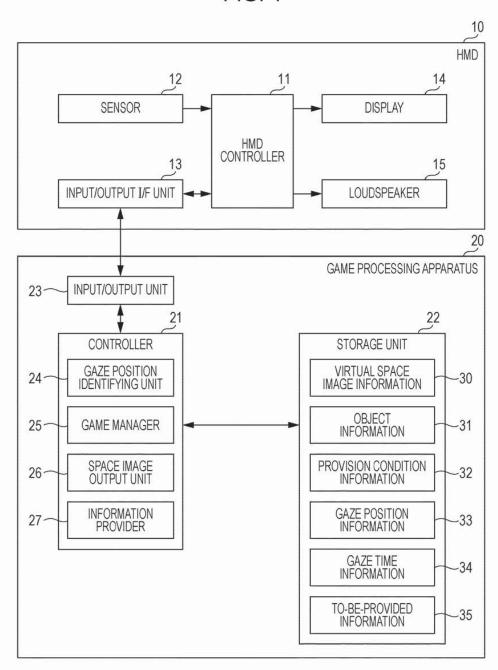
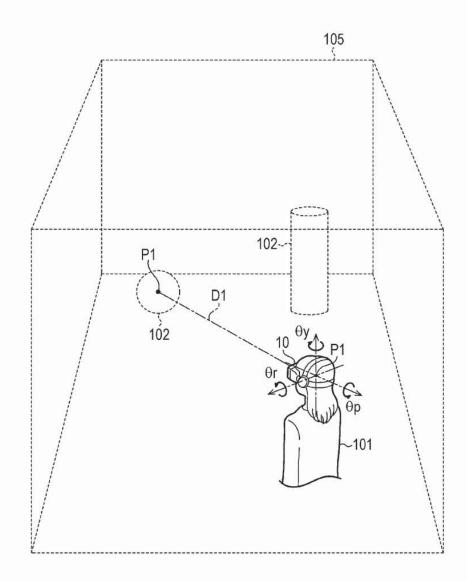
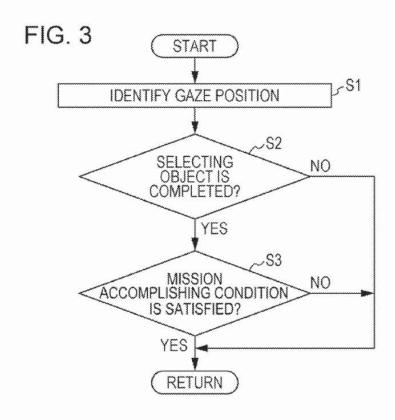


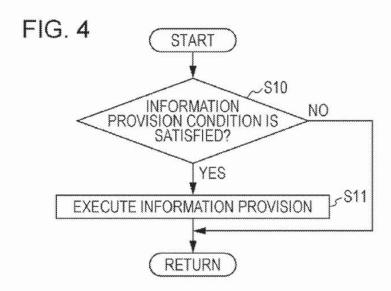
FIG. 2

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