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(54) Title: SYSTEM AND METHOD FOR PROXIMITY BASED ASSIGNMENT

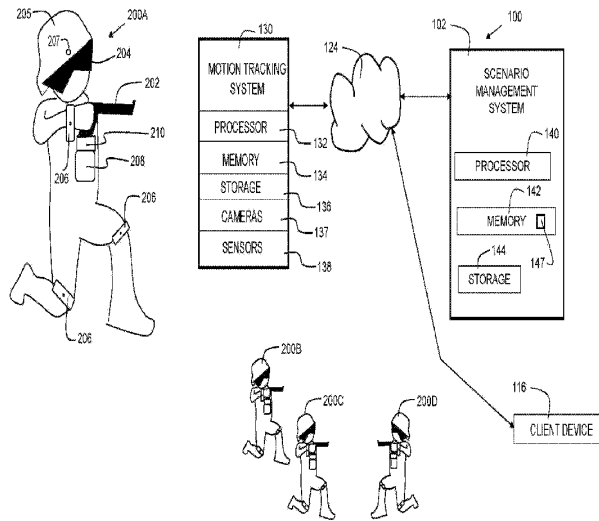


FIG. 1

(57) Abstract: Disclosed embodiments provide systems and methods for simulation of firearm discharge and training of armed forces and/or law enforcement personnel. A motion tracking system tracks motion of one or more users. In embodiments, the users wear one or more sensors on their bodies to allow tracking by the motion tracking system. A scenario management system utilizes position, orientation, and motion information provided by the motion tracking system to evaluate user performance during a scenario. A weapon simulator includes sensors that indicate position of the weapon and/or orientation of the weapon. The weapon simulator may further provide trigger activation indications to the scenario management system. In embodiments, the scenario management system generates, plays, reviews, and/or evaluates simulations. The evaluation can include scoring based on reaction times, posture, body position, body orientation, and/or other attributes.

[Continued on next page]

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