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(57) Abstract :  
A mining training system, comprising of a housing 101, a hinged door 102 accessed by a user to enter inside housing 101, an imaging unit 103 identifying an authenticated user, multiple display units 104 stimulating underground mine visuals for training purposes, multiple pneumatic actuators 105 simulating terrain variations to train user for physical challenges experienced in underground mines, a wearable headgear 106 to be worn by user over head portion, multiple scent diffusers 107 releasing smells similar to hazardous gases to simulate a gas leak scenario, a motorized augmented reality visor 108 displaying a visual warning and detailed instructions on screen of visor 108 when hazardous gases are diffused in surroundings, multiple diffusing units 109 connected with a chamber releasing controlled amounts of coal dust, a speaker 110 providing user with instructions on protective measures to take, a mask 111 to be deployed in front of mouth portion of body.

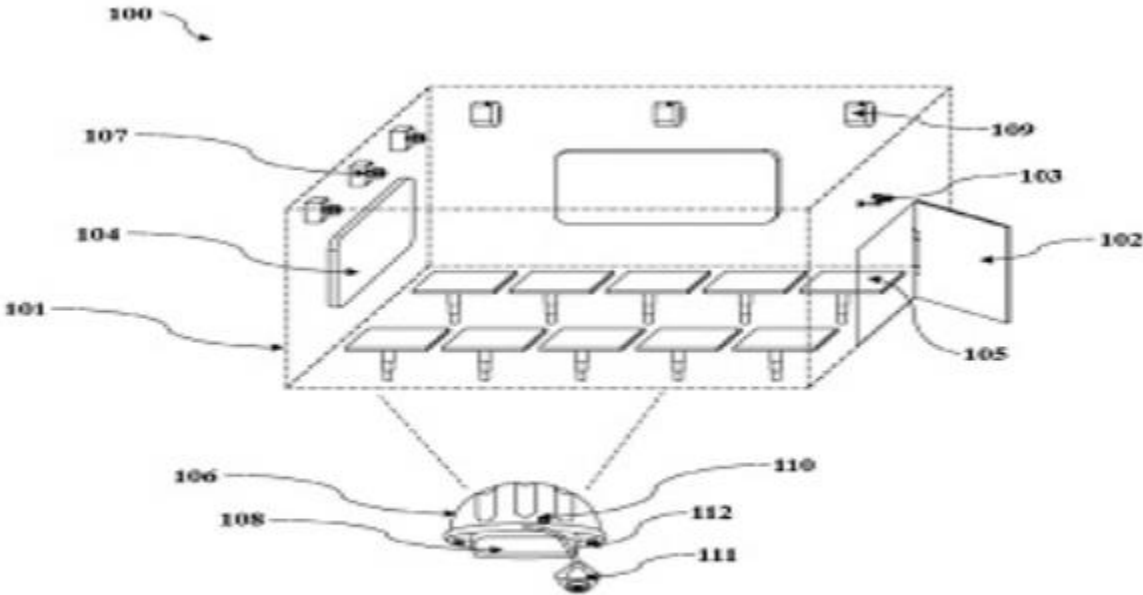


Figure 1