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13REPLACEMENT SHEET
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CLAIMS

1. A method of monitoring movements of an individual in and around buildings, rooms and similar areas, wherein a transponder is arranged for coaction with an active antenna that is connected to a surveillance or monitoring centre (13) either directly or indirectly, and the individual carries on his person either a transponder or an antenna, wherein a plurality of antenna loops (2a, 2b, 3a, 3b, 4a, 4b, 5a, 5b, 6a, 6b, 6c, 6d; 12) or transponders (17) are placed in and around the building, room or similar area (1) under surveillance, characterised in that the antenna loops (2a, 2b, 3a, 3b, 4a, 4b, 5a, 5b, 6a, 6b, 6c, 6d; 12) or the transponders (17) placed in or around the building are placed in all parts of or around the building under surveillance with a density corresponding to the desired degree of accuracy in the positioning of the individual wherein the physical position of the antenna loop or the transponder in or around the building directly indicates the position of the individual by coaction with the transponder or antenna carried by the individual, and in that the antennas when receiving a signal from a transponder are arranged to transmit a signal to the surveillance or monitoring centre (13) wherein the movements of the individual are represented in a scene in two or three dimensions on a screen (15).

2. A method according to Claim 1, characterised in that the individual carries one or more transponders; and in that a plurality of antennas are disposed in loops (2a, 2b, 3a, 3b, 4a, 4b, 5a, 5b, 6a, 6b, 6c, 6d; 12) in and around buildings, rooms and like areas (1), such that said plurality of loops will together cover the area in and around the buildings (1).

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3. A method according to Claim 2, **characterised** in that the building (1) includes several rooms (2, 3, 4, 5, 6); and in that at least one antenna loop (2a, 2b, 3a, 3b, 4a, 4b, 5a, 5b, 6a, 6b, 6c, 6d; 12) is installed in each room.

4. A method according to Claim 2 or 3, **characterised** in that antenna loops (12) are installed around window openings and door openings in the building (1).

5. A method according to any one of Claims 2-4, **characterised** in that the individuals carry transponders on their feet, knees and on their chests.

6. A method according to any one of the preceding Claims, **characterised** in that transponders are also installed on objects in and around the building.

7. A method according to any one of the preceding Claims, **characterised** in that transponders are also fitted to military exercise material, such as weapons, hand grenades, explosive devices and the like.

8. A method according to any one of the preceding Claims, **characterised** in that hit recognition detectors are installed in the buildings and adapted to register simulated hits on the building, said detectors being interconnected with said antenna loops.

9. A method according to Claim 8, **characterised** in that simulating means are connected to the hit recognition detectors for simulating a hit on/in the building.

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10. A method according to any one of Claims 2-9, **characterised** in that the antenna loops are connected to a main unit/reader (11) which sends data from the antenna loops (2a, 2b, 3a, 3b, 4a, 4b, 5a, 5b, 6a, 6b, 6c, 6d; 12) to the surveillance unit (13).

11. A method according to Claim 1, **characterised** in that the individual carries an antenna; and in that a plurality of transponders (17) are disposed in the building (1) essentially uniformly over the entire floor surface of the building.

12. A method according to Claim 11, **characterised** in that the antenna carried by said individual is connected to a transmitter for communication with the surveillance unit (13).

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