We Claim:

1. A mobile robot device for distributing designated items, said mobile robot device comprising:

a memory module storing person images each with an associated identification and information on associated designated items for at least one person;

a first optical recognition scanner to scan and to provide an image of an encountered person as said mobile robot device approaches said encountered person;

a control unit to compare images from said first optical recognition scanner with said person images and to identify said encountered person and their associated designated items accordingly;

a second optical scanner to scan and provide an image of said encountered person for said control unit to confirm that said identified encountered person is the correct person to receive said associated designated items;

a release mechanism to release said associated designated items according to said encountered person identification;

a third optical recognition scanner to scan said released associated designated items for said control unit to check that said scanned released designated items are the correct associated designated items for said encountered person before said release mechanism dispenses said associated designated items to said encountered person.

2. A mobile robot device according to claim 1, wherein said designated items are pharmaceutical products.

3. A device for dispensing designated items integrated with a mobile robot device, said device comprising:

at least one storage compartment storing designated items;

at least one scanner to scan to scan and to provide an image of an encountered person as said mobile robot device approaches said encountered person;

a vacuum tube to suck designated items out of said at least one storage compartment;

a control unit to compare images from said at least one scanner with said person images and to identify said encountered person and their associated designated items accordingly, said control unit to direct said vacuum tube to said at least one storage compartment according to said associated designated items and to activate a vacuum in said vacuum tube;

a mobile arm to move said vacuum tube from said at least one storage compartment to an exit tube and to indicate to said control unit to release said associated items into said exit tube; a scanner to scan said released associated designated items for said control unit to check that said scanned released designated items are the correct associated designated items for said encountered person; and a container to receive said designated items from said exit tube.

4. A device according to claim 3 wherein said designated items are pharmaceutical products.

5. An autonomously moving robotic device for distributing designated items to designated persons, comprising:

multiple compartments for containing designated items; release mechanism to release items from said multiple compartments;

an external or internal memory module containing optical recognition scans and personal information of persons located within a premises, and substantive information of said designated items;

optical recognition scanners; a control module in electronic communication with said optical recognition scanners, said memory and said release mechanism; and,

wherein, said control unit directs said robotic device to move within said premises, directs said optical recognition scanners to scan persons as they are encountered, compares images from said optical recognition scanners to optical recognitions in said memory to identify said person; and, wherein, upon identifying said person, said control unit searches said personal information of said person in said memory and identifies designated items specified for said person, and then directs said release mechanism to release said designated item to said person; and, said device further comprising secondary recognition scanners; and, said memory module further containing

secondary recognition scans of persons located within said premises; and, wherein, prior to releasing said designated item, said control unit directs said secondary recognition scanners to scan said person, compares images from said secondary recognition scanners to secondary recognitions in said memory to confirm said person is the correct person to receive said designated item.

6. A robotic device according to claim 5, wherein said designated items are pharmaceutical products.

7. A robotic device according to claim 5, wherein said secondary recognition scanners being magnetic code readers, fingerprint scanners or eye scanners or facial scanners or optical scanners and said secondary recognition scans of persons located within said memory being magnetic codes, fingerprint scans or eye scans or facial scans or optical scans.

8. A robotic device according to claim 5, wherein said release mechanism further comprising substantive scanners and said memory module further containing substantive scans of said designated items; and, wherein, prior to dispensing said designated item, said control unit directs said substantive scanners to scan said designated item, compares scans from said substantive scanners to substantive scans in said memory to confirm said designated item is the correct designated item for said person.

9. A robotic device according to claim 5 wherein said device further comprising supplemental recognition scanners; and, said memory module further containing supplemental recognition scans of persons authorized to add items to said multiple compartments; and, wherein, prior to adding items to said multiple compartments, said control unit directs said supplemental scanners to scan

persons attempting to add items to said multiple compartments, compares scans from said supplemental scanners to supplemental scans in said memory to confirm said persons attempting to add items to said multiple compartments are authorized to add items to said multiple compartments.

10. An autonomously moving robotic device for distributing designated items to designated persons, comprising:

multiple compartments for containing designated items; release mechanism to release items from said multiple compartments;

an external or internal memory module containing optical recognition scans and personal information of persons located within said premises, and substantive information of said designated items; optical recognition scanners;

a control module in electronic communication with said optical recognition scanners, said memory and said release mechanism; and,

wherein, said control unit directs said robotic device to move within said premises, directs said optical recognition scanners to scan persons as they are encountered, compares images from said optical recognition scanners to optical recognitions in said memory to identify said person; and wherein, upon identifying said person, said control unit searches said personal information of said person in said memory and identifies designated items specified for said person, and then directs said release mechanism to release said designated item to said person; and, wherein said release mechanism further comprising substantive scanners and said memory module further containing substantive scans of said designated items; and, wherein, prior to releasing said designated item, said control unit directs said substantive scanners to scan said designated item, compares scans from said substantive scanners to substantive scans in said memory to confirm said designated item is the correct designated item for said person.

11. A robotic device according to claim 10, wherein said designated items are pharmaceutical products.

12. A robotic device according to claim 10, wherein said device further comprising secondary recognition scanners; and, said memory module further containing secondary recognition scans of persons located within said premises; and, wherein, prior to releasing said designated item, said control unit directs said secondary recognition scanners to scan said person, compares images from said secondary recognition scanners to secondary recognitions in said memory to confirm said person is the correct person to receive said designated item.

13. A robotic device according to claim 12, wherein said secondary recognition scanners being magnetic code readers, fingerprint scanners or eye scanners or facial scanners or optical scanners and said secondary recognition scans of persons located within said memory being magnetic codes, fingerprint scans or eye scans or facial scans or optical scans.

14. A robotic device according to claim 10, wherein said multiple compartments further comprising supplemental recognition scanners; and, said memory module further containing supplemental recognition scans of persons authorized to add items to said multiple compartments; and, wherein, prior to adding items to said multiple compartments, said control unit directs said supplemental scanners to scan persons attempting to add items to said multiple compartments, compares scans from said supplemental scanners to supplemental scans in said memory to confirm said persons attempting to add items to said multiple compartments are authorized to add items to said multiple compartments.

15. An autonomously moving robotic device for distributing designated items to designated persons, comprising:

multiple compartments for containing designated items;

release mechanism to release items from said multiple compartments;

an external or internal memory module containing optical recognition scans and personal information of persons located within said premises, and substantive information of said designated items; optical recognition scanners;

a control module in electronic communication with said optical recognition scanners, said memory and said release mechanism; and,

wherein, said control unit directs said robotic device to move within said premises, directs said optical recognition scanners to scan persons as they are encountered, compares images from said optical recognition scanners to optical recognitions in said memory to identify said person; and wherein, upon identifying said person, said control unit searches said personal information of said person in said memory and identifies designated items specified for said person, and then directs said release mechanism to release said designated item to said person; and, supplemental recognition scanners; and, said memory module further containing supplemental recognition scans of persons authorized to add items to said multiple compartments; and, wherein, prior to adding items to said multiple compartments, said control unit directs said supplemental scanners to scan persons attempting to add items to said multiple compartments, compares scans from said supplemental scanners to supplemental scans in said memory to confirm said persons attempting to add items to said multiple compartments are authorized to add items to said multiple compartments.

16. A robotic device according to claim 15, wherein said designated items are pharmaceutical products.

17. A robotic device according to claim 15, wherein said device further comprising secondary recognition scanners; and, said memory module further containing secondary recognition scans of persons located within said premises; and, wherein, prior to dispensing said designated item, said control unit directs said secondary recognition scanners to scan said person, compares images from said secondary recognition scanners to secondary recognitions in said memory to confirm said person is the correct person to receive said designated item.

18. A robotic device according to claim 17, wherein said secondary recognition scanners being magnetic code readers, fingerprint scanners or eye scanners or facial scanners or optical scanners and said secondary recognition scans of persons located within said memory being magnetic codes, fingerprint scans or eye scans or facial scans or optical scans.

19. A robotic device according to claim 15, wherein said release mechanism further comprising substantive scanners and said memory module further containing substantive scans of said designated items; and, wherein, prior to releasing said designated item, said control unit directs said substantive scanners to scan said designated item, compares scans from said substantive scanners to substantive scans in said memory to confirm said designated item is the correct designated item for said person.