Claims

1. A method of selling goods automatically, the method comprising:
   - providing goods on a shelf of a vending machine;
   - reading biometric data of a user in order to identify the user;
   - processing payment of the user according to the biometric data; and
   - releasing the goods after receiving the payment.

2. The method of claim 1 further comprising
handling the biometric data with a customer relationship management program of the vending machine.

3. The method of claim 1 or 2 further comprising
transmitting the biometric data to a remote computing server wirelessly.

4. The method of any of the preceding claims 1 to 3 further comprising:
providing an electronic identification of the vending machine.

5. The method of any of the preceding claims 1 to 4 further comprising
recording stock of the goods in relation to the biometric data.

6. The method of any of the preceding claims 1 to 5 further comprising
dispensing a label to the goods.

7. The method of any of the preceding claims 1 to 6 further comprising
communicating with the user.

8. The method of any of the preceding claims 1 to 7, wherein
the reading biometric data of the user comprises recognising facial feature of the user.

9. The method of any of the preceding claims 1 to 8 further comprising
verifying identity of the user with the biometric data electronically.

~~10. The method of any of the preceding claims 1 to 9 further comprising providing personalised information to the user.~~

~~11.~~ 1. A vending machine comprising

- a shelf for holding goods;
- an automatic payment terminal connected to the shelf for receiving payment of selling the goods; ~~and~~
- at least one biometric reader that is connected to the automatic payment terminal for performing electronic bill payment of the goods;
- a communication unit that is connected to the shelf, the automatic payment terminal and the at least one biometric reader for transferring data between the vending machine and a remote computer; and
- a recorder for recording stock of the goods;

wherein the communication unit comprises a unique electronic address for identifying the vending machine, the automatic payment terminal or both;

wherein the unique electronic address is associated with characteristics of the vending machine or the goods;

wherein the recorder comprises a label dispenser for providing labels to the goods;

wherein the label dispenser comprises a matrix barcode printer for presenting a matrix barcode to at least one of the goods; and

- wherein the matrix barcode includes information related to date of expiry of the product, user guide of the product and packaging disposal information of the product.

~~12. The vending machine of claim 11 further comprising a communication unit that is connected to at least one of the shelf, the automatic payment terminal and the at least one biometric reader for transferring data between the vending machine and a remote computer.~~

~~13. The vending machine of claim 12, wherein the communication unit comprises a unique electronic address for identifying the vending machine, the automatic payment terminal or both.~~

~~14. The vending machine of any of the preceding claims 11 to 13 further comprising~~
~~a recorder for recording stock of the goods.~~

~~15. The vending machine of claim 14, wherein~~
~~the recorder comprises a label dispenser for providing labels to the goods.~~

~~16. The vending machine of claim 15, wherein~~
~~the label dispenser comprises a matrix barcode printer for presenting a matrix barcode to at least one of the goods.~~

~~17.~~2. The vending machine of ~~any of the preceding claims 11 to 16~~ claim 1, wherein the at least one biometric reader comprises a facial recognition system for identifying the user.

~~18.~~3. The vending machine of claim ~~17~~2, wherein
the facial recognition system comprises an illuminator for identifying the user in the night.

~~19.~~4. The vending machine of ~~any of the preceding claims 11 to 18~~claim 1 further comprising
a computer connected to the at least one biometric reader, the computer having a customer relationship management program for receiving personal identification information of the user from the least one biometric reader.

~~20.~~5. The vending machine of ~~any of the preceding claims 11 to 19~~ claim 1, wherein the shelf comprises an ejector for releasing the goods automatically after clearing payment at the automatic payment terminal.