CLAIMS

1. A graphics tablet system comprising:

a housing;

a touch screen in said housing for receiving touch input, and for displaying graphics corresponding to the received touch input;

a plurality of styli for performing touch input, each stylus comprising:

an RFID chip storing one or more graphic attributes; and

a visible indicator of the one or more graphic attributes;

an RFID reader in said housing for reading the stored one or more graphic attributes from a stylus touching said touch screen; and

a processor in said housing, connected to said touch screen and to said RFID reader, for rendering a drawing on said touch screen according to the motion of the stylus on said touch screen and according to one or more graphic attributes read by said RFID reader from the stylus,

wherein said plurality of RFID chips store different one or more graphic attributes.

2. The graphics tablet system of claim **1**, wherein the different one or more graphic attributes comprise different colors and wherein said processor renders strokes in accordance with the motion of the stylus, in the color read by said RFID reader from said RFID chip of the stylus.

3. The graphics tablet system of claim **1**, wherein the different one or more graphic attributes comprise different shapes and wherein said

processor renders strokes in accordance with the motion of the stylus and the shape read by said RFID reader from said RFID chip of the stylus.

4. The graphics tablet system of claim **1**, wherein the different one or more graphic attributes comprise different images and wherein said processor renders the image read from said RFID chip of the stylus.

5. The graphics tablet system of claim **1**, wherein the different one or more graphic attributes comprise different line patterns and wherein said processor renders lines in accordance with the motion of the stylus with the line pattern read from said RFID chip of the stylus.

6. The graphics tablet system of claim **1**, wherein said touch screen is operative to detect a thickness of a contact area when a stylus comes in contact with said touch screen, and wherein said processor renders lines that are as thick as the contact area, in accordance with the motion of the stylus.

7. The graphics tablet system of claim **1**, wherein said processor activates said RFID reader in response to an object touching said touch screen.

8. A point of sale (POS) system comprising:

a housing;

a touch screen in said housing used for inputting a PIN code by tapping a sequence of keypad characters on the screen with a plastic card, wherein the plastic card has an embedded RFID chip storing a PIN code;

an RFID reader in said housing configured to read the stored PIN code from the plastic card tapping the screen; and

a processor in said housing, connected to said touch screen and to said RFID reader, configured to determine if the input PIN code matches the stored PIN code.

9. The POS system of claim **8**, wherein said processor activates said RFID reader in response to the plastic card tapping the screen.

10. The POS system of claim **8**, wherein said processor ignores touch screen input when said RFID reader does not read a PIN code.

11. A method for a graphics tablet comprising:

detecting that a stylus is touching a touch screen, the stylus having an RFID chip;

in response to said detecting, reading one or more graphic attributes from the RFID chip included in the stylus; and

rendering a drawing according to the motion of the stylus on the touch screen and according to the one or more graphic attributes read from the RFID chip.

12. The method of claim **11**, wherein the one or more graphic attributes comprise a color and wherein said rendering renders strokes in accordance with the motion of the stylus, in the color read from the RFID chip of the stylus.

13. The method of claim **11**, wherein the one or more graphic attributes comprise a shape and wherein said rendering renders strokes

in accordance with the motion of the stylus and the shape read from the RFID chip of the stylus.

14. The method of claim **11**, wherein the one or more graphic attributes comprise an image and wherein said rendering renders the image read from the RFID chip of the stylus.

15. The method of claim **11**, wherein the one or more graphic attributes comprise a line pattern and wherein said rendering renders lines in accordance with the motion of the stylus with the line pattern read from the RFID chip of the stylus.

16. The method of claim **11**, further comprising detecting thickness of a contact area when a stylus comes in contact with the touch screen, and wherein said rendering renders lines that are as thick as the contact area, in accordance with the motion of the stylus.

17. A method for a point of sale terminal, comprising:

reading a first PIN code that is stored in an RFID chip that is embedded in a plastic card;

identifying a first keypad character on a touch sensitive display screen that is being tapped by the plastic card;

reading a second PIN code that is stored in an RFID chip that is embedded in a plastic card;

identifying a second keypad character on a touch sensitive display screen that is being tapped by the plastic card;

determining whether the second PIN code matches the first PIN code; and

if said determining is affirmative, then appending the second keypad character to the first keypad character to generate a two-character input code, else starting a new one-character input code with the second keypad character alone.

18. The method of claim **17** further comprising:

repeating said reading a next PIN code, said identifying a next keypad character, said determining whether the next PIN code matches a previous PIN code and, if so, appending the next keypad character to the current input code to generate a longer input code, until the input code includes a pre-determined number of characters;

determining whether the input code having the pre-determined number of characters matches the PIN code stored in the RFID chip; and

if said determining is affirmative, then completing a transaction, else declining the transaction.

19. The method of claim **17** wherein said completing a transaction comprises dispensing cash from a bank teller machine.

20. The method of claim **17** wherein said completing a transaction comprises executing a sale.

CLAIMS

1. A method for a point of sale terminal, comprising:

reading a first PIN code that is stored in an RFID chip that is embedded in a plastic card;

identifying a first keypad character on a touch sensitive display screen that is being tapped by the plastic card;

reading a second PIN code that is stored in an RFID chip that is embedded in a plastic card;

identifying a second keypad character on a touch sensitive display screen that is being tapped by the plastic card;

determining whether the second PIN code matches the first PIN code; and

if said determining is affirmative, then appending the second keypad character to the first keypad character to generate a two-character input code, else starting a new one-character input code with the second keypad character alone.

2. The method of claim 1 further comprising:

repeating said reading a next PIN code, said identifying a next keypad character, said determining whether the next PIN code matches a previous PIN code and, if so, appending the next keypad character to the current input code to generate a longer input code, until the input code includes a pre-determined number of characters;

determining whether the input code having the pre-determined number of characters matches the PIN code stored in the RFID chip; and

if said determining is affirmative, then completing a transaction, else declining the transaction.

3. The method of claim 1 wherein said completing a transaction comprises dispensing cash from a bank teller machine.

4. The method of claim 1 wherein said completing a transaction comprises executing a sale.

5. The method of claim 1 wherein an identified keypad character is ignored if a corresponding PIN code is not read.