CLAIMS

1. An information code comprising:

an information code area constituted of colored information cells with ~~two~~ four or more colors arranged in a lattice, the information code area having specific information including personal information for biometric authentication recorded using the information cells as information units; and

a teacher code area having teacher cells with the same colors and the same number of colors as the information cells so as to identify the colors of the information cells, wherein

the information code area records image information of a part of a face of a person as color information in the information cells as the personal information for biometric authentication,

the teacher code area is placed away from the information code area or inside the information code area, and

the teacher code area is a rectangular area with the same number of teacher cells as the number of colors of the teacher cells and is isolated from other cells on all four sides.

~~2. The information code according to claim 1, wherein the teacher code area comprises a plurality of teacher code areas, and~~

~~the plurality of teacher code areas are placed inside the information code area.~~

~~3. The information code according to claim 2, wherein the plurality of teacher code areas are placed at regular intervals inside the information code area.~~

~~4. The information code according to any one of claims 1 to 3, wherein the number of colors of the information cells and the number of colors of the teacher cells are four or eight, and~~

~~the number of the teacher cells included in the teacher code area is the same as the number of colors of the teacher cells.~~

2. The information code according to claim 1, wherein the teacher code area is placed on the upper side of the information code area and the lower side of the information code area respectively.

~~5~~3. The information code according to ~~any one of~~ claims 1 ~~to 4~~ or 2, wherein the information code comprises the information code area in which the specific information is recorded and an

advertisement code area in which advertisement information is stored, and

the advertisement code area is constituted of advertisement cells with the same colors as the information cells and the teacher cells.

~~6. The information code according to any one of claims 1 to 5, wherein the specific information recorded in the information code area includes personal information.~~

~~7. The information code according to claim 6, wherein the personal information recorded in the information code area is image information of a part of a face of a person.~~

~~8. An information code generation device comprising an information code generator configured to generate an information code having an information code area constituted of colored information cells with two or more colors arranged in a lattice, the information code area having specific information recorded using the information cells as information units, and a teacher code area constituted of teacher cells with the same colors as the information cells so as to identify the colors of the information cells, wherein the teacher code area is placed away from the information code area or inside the information code area.~~

~~9. An information code reading device for reading the information code according to any one of claims 1 to 7, comprising:~~

~~a reader configured to read the information code;~~

~~an identification unit configured to identify the colors of the information cells of the information code area based on color information of the teacher cells in the teacher code area of the information code read by the reader; and~~

~~an acquisition unit configured to acquire the specific information recorded in the information code area based on the information cells of which the colors are identified by the identification unit.~~

~~10. A program that causes a computer to execute a process of generating an information code having an information code area constituted of colored information cells with two or more colors, the information code area having specific information recorded using the information cells as information units, and a teacher code area having teacher cells with the same colors and the same number of colors as the information cells so as to identify the colors of the information cells, wherein the teacher code area is placed away from the information code area or inside the~~

~~information code area.~~

~~11. A program for reading the information code according to any one of claims 1 to 7, the program causing a computer to execute steps of:~~

~~reading the information cells of the information code area and the teacher cells of the teacher code area;~~

~~identifying the colors of the information cells based on color information of the teacher cells; and~~

~~acquiring the specific information recorded in the information code area based on the information cells of which the colors are identified.~~

~~12. An information code utilization system that utilizes the information code according to claim 5, comprising:~~

~~an information code generator configured to generate the information code having the advertisement code area, the information code area, and the teacher code area; and~~

~~an information code reader configured to read the information code, identify the colors of the advertisement cells of the advertisement code area based on color information of the teacher cells of the teacher code area to cause an advertisement to be displayed based on the advertisement information stored in the advertisement code area, and identify the colors of the information cells of the information code area based on the color information of the teacher cells of the teacher code area to output the specific information recorded in the information code area.~~

~~13. An information code utilization system that utilizes the information code according to claim 6 or 7, comprising:~~

~~an information code generator configured to generate the information code having the information code area and the teacher code area, the information code area having the personal information recorded therein that includes biometric information;~~

~~an information code reader configured to read the information code, identify the colors of the information cells of the information code area based on color information of the teacher cells of the teacher code area to acquire the biometric information from the information code area, and acquire user's biometric information directly from a user; and~~

~~an authentication unit configured to check the biometric information acquired from the information code area against the user's biometric information acquired directly from the user.~~

~~14. A print medium having the information code according to any one of claims 1 to 7 printed thereon.~~