## DISCLOSURE OF THE INVENTION

### Problems to be Solved by the Invention

[0004]

In the case of the press-engraving, it may be difficult to add a digit to a key number at a later stage, depending on the configuration of the pressing machine. Furthermore, there is a disadvantage that the deformation of the machine at the time of engraving, uneven wear occurring during use, and the like make it likely for the engraved numbers and characters to be erroneously read.

### Means for Solving the Problems

[0005]

The present disclosure relates to a key including a key body and key information shown on a surface of the key body, and the key information is a two-dimensional code readable by a reader device.

## SUMMARY

[0005A]

In one aspect, the present disclosure refers to a key comprising, a key body, and key information shown on a surface of the key body, wherein the key information is a two-dimensional code readable by a reader device, wherein

the key body has

a leading end insertable into a lock,

a base end located opposite to the leading end,

an insertion portion that is inserted into a lock, and

a grip portion on the side where the base end resides and is able to be gripped when the key is in use, and wherein

the two-dimensional code is shown on a base end surface that is flat and located on a plane on a side of the grip portion where a grip end surface resides, and that extends in a direction intersecting with a direction connecting the leading end and the base end.

## BRIEF DESCRIPTION OF THE DRAWINGS

[0006]

FIG. 1 is a perspective view illustrating a key according to an embodiment.

## PREFERRED MODE FOR CARRYING OUT THE INVENTION

[0007]

An Embodiment of the present disclosure will be described in detail with reference to the drawing. A key 1 is a member for opening and closing a lock (not shown) attached to a door, a window, or the like of a house, for example. As illustrated in FIG. 1, the key 1 includes a key body 2 and key information 3.

CLAIMS

1. A key comprising:

a key body; and

key information shown on a surface of the key body, wherein

the key information being a two-dimensional code readable by a reader device, wherein

the key body has

a leading end insertable into a lock,

a base end located opposite to the leading end,

an insertion portion that is inserted into a lock, and

a grip portion on the side where the base end resides and is able to be gripped when the key is in use, and wherein

the two-dimensional code is shown on a base end surface that is flat and located on a plane on a side of the grip portion where a grip end surface resides, and that extends in a direction intersecting with a direction connecting the leading end and the base end.

2. The key according to claim 1, wherein

the base end surface is located at a position recessed with respect to a peripheral portion surrounding the base end surface in the grip portion and,

a step is formed between the base end surface and the peripheral portion surrounding the base end surface.

3. The key according to claim 2, wherein

the grip portion includes a grip body that is continuous with the insertion portion, and a cover member that covers the grip body and

has an opening where the base end surface is exposed, and

the step is formed between a peripheral edge of the opening and the base end surface.

4. The key according to claim 2 or 3, wherein

a removable cap for covering the base end surface is provided at the position recessed with respect to the peripheral portion surrounding the base end surface in the grip portion.

5. The key according to any one of claims 1 to 4, wherein

the insertion portion has a notch.

6. The key according to any one of claims 1 to 5, wherein

the two-dimensional code is inscribed by laser marking.