enables an identical unlocking key to lock and unlock different security levels of plural cylinder locks.

Means for Solving the Problems

[0008]

The present disclosure relates to a locking device that includes: a cylinder lock including an outer cylinder and an inner cylinder that rotatably engages with the outer cylinder; and an unlocking key corresponding to a keyhole formed in the inner cylinder. A protrusion is formed at an end of the keyhole, and a positioning indentation is formed at the tip of the unlocking key, in which the indentation can engage with the protrusion.

SUMMARY

[0008A]

In one aspect, the present disclosure referes to a locking device, comprising, a cylinder lock including an outer cylinder and an inner cylinder that rotatably engages with the outer cylinder, and an unlocking key corresponding to a keyhole formed in the inner cylinder, wherein a protrusion is formed at an end of the keyhole, and a positioning indentation engageable with the protrusion is formed at a tip of the unlocking key.

BRIEF DESCRIPTION OF THE DRAWINGS

[0009]

Fig. 1 is a perspective view illustrating a configuration of a locking device according to a first embodiment;

Fig. 2 is an exploded perspective view illustrating a configuration of a cylinder lock according to the first embodiment;

Fig. 3 is a front view of the cylinder lock according to the first embodiment;

Fig. 4 is a rear view of the cylinder lock according to the first embodiment;

Fig. 5 is a top view of an unlocking key according to the first embodiment;