H. G. VOIGHT,
DOOR KNOB AND LOCK.
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Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

Witnesses
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DOOR KNOB AND LOCK.

SPECIFICATION forming part of Letters Patent No. 768,833, dated August 30, 1904.
Application filed April 25, 1904. Serial No. 201,836. (No model.)
It is obvious that the method of mounting the knob in the lock or the method or means of connecting the roll-backs or spindles to the knob and cylinder-lock are entirely immaterial to those features which are made the subject-matter of this invention, and while I have shown in the drawings a preferred form of the invention it is obvious that changes may be made in the same without departure from the spirit and scope thereof. I have not attempted to illustrate the tumbler mechanism, since those parts are well known and constitute in themselves no portion of this invention.

In the drawings I have shown a key in place, and it will be seen that the tapered entrance A' facilitates the ready introduction of the same into the key-barrel.

What I claim is—

1. In a knob, a hollow body or grip portion, a threaded neck projecting therefrom, an aperture in the outer and inner ends of said grip portion one of said apertures being enlarged at the side, a pin-tumbler lock carried within said body portion, a lateral projection from the body of said lock projecting into the enlargement in said aperture, a shank arranged to screw onto said threaded neck and hold said lock in place against longitudinal displacement.

2. In a device of the character described, a hollow body or grip portion, an opening in the outer face thereof and an opening in the inner face thereof opposite the first opening, a removable knob-shank, means for securing the same to the said knob-body and to cover one of said openings, a cylinder-lock, the case of said cylinder-lock being supported in said body, a lateral projection from said lock-case engaging with a corresponding notch in the body to prevent rotation of said lock-case.

3. A hollow seamless knob, a passage through said knob, a pin-tumbler lock seated within said knob and in said passage, means to prevent the rotation of the pin-tumbler casing and means independent of the knob for detachably holding said lock against longitudinal displacement.

4. A hollow seamless knob, a passage through said knob, a pin-tumbler lock seated within said knob and in said passage, means to prevent the rotation of the pin-tumbler casing and means independent of the knob for detachably holding said lock against longitudinal displacement said means being an independent knob-shank said shank having a passage therethrough in line with the inner end of said pin-tumbler lock.

5. In a device of the character described, a seamless hollow knob, an opening in the outer and inner ends of said knob, the inner opening being enlarged, a pin-tumbler lock supported in said knob in line with said openings, a portion of said pin-tumbler lock-casing entering the enlargement of the inner opening to prevent the independent rotation of the knob and lock-casing, a knob-shank, a screw-threaded connection between the knob-shank and the knob, the said shank holding the pin-tumbler lock in place when said shank and knob are connected.

Signed at New Britain, Connecticut, this 22d day of April, 1904.

HENRY G. WOIGHT.

Witnesses:
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