



A.D. 1799 N° 2306.

Locks.

DAVIS' SPECIFICATION.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, GEORGE DAVIS, of Windsor, in the County of Berks, Locksmith, send greeting.

WHEREAS His most Excellent Majesty King George the Third did, by His Letters Patent under the Great Seal of Great Britain, bearing date 6 at Westminster, the Eleventh day of April, in the thirty-ninth year of His reign, give and grant unto me, the said George Davis, His special licence, full power, sole privilege and authority that I, the said George Davis, my executors, administrators, and assigns, or such others as I, the said George Davis, my executors, administrators, or assigns, should at any time agree 10 with, and no others, from time to time and at all times during the term of years therein expressed, should and lawfully might make, use, exercise and vend, within England, Wales, and the Town of Berwick-upon-Tweed, my Invention of "A DOUBLE CHAMBERED LOCK WITH CYLINDERS, TO WHICH PINS ARE AFFIXED IN DIFFERENT DIRECTIONS INSTEAD OF WARDS;" in which said Letters 15 Patent there is contained a proviso obliging me, the said George Davis, by an instrument in writing under my hand and seal, particularly to describe and ascertain the nature of my said Invention, and in what manner the same is to be performed, and to cause the same to be inrolled in His Majesty's High Court of Chancery within one calendar month next and immediately after 20 the date of the said Letters Patent, as in and by the same, reference being thereunto had, will more fully and at large appear.

NOW KNOW YE, that in compliance with the said proviso, I, the said George Davis, do hereby declare that my said Invention, and the manner in

Davis' Lock.

which the same is to be performed, is described and ascertained as follows, that is to say:—

As security is the acquisition which every one wishes with respect to locks, they ought to be so constructed as to defy (in particular) the common methods used to violate that security, I have therefore endeavoured to render my Invention or improvement fully competent to answer that end, and flatter myself it will be found to counteract even more than ordinary ingenuity when exerted for the purpose of counterfeit application. For this purpose these locks are made with double chambers, consequently the key passes through two apertures at different angles on one or both sides. These key-holes are case-hardened barriers, which are varied in the lower entrance from what appears on the top cap, on purpose to mislead and prevent any improper means being used by the application of a false key. In the lower chamber is a cylinder let into the plate of the lock, no way dependant on the drill pin, on which are affixed stumps or pins in various forms and directions, which are level with the under part of the lower cap. These go through the end of the key (which is perforated to fit with great nicety) and always stand opposite the key hole, to prevent entrance to anything but what exactly corresponds with the varied position of these pins or stumps. Also on the cylinder are two locking pieces with springs, the ends of which bolt through the plate, and must both be liberated before the lock can be opened. There is no particular situation for these locking pieces on the cylinder, as they may be varied at pleasure, and made to act against any part of the key which first enters the lower chamber. The old method of spring and tumbler is exploded; instead of which there is a spring with a pin that goes through the top of the bolt, and which spring cannot be discharged without the rotative motion of the cylinder. It must here be particularly emarked, that it is not solely the motion of the cylinder that will effect the purpose, as that may be moved round and the bolt remain stationary. This will be found an invincible obstacle to any illicit means that may be used to open the lock without the key. The bolt and spring are so completely boxed up, that there is no communication to them whatever but through both key holes into the lower chamber, although their position is close to the top cap.

In witness whereof, I, the said George Davis, have hereunto set my hand and seal, this Third day of May, in the year of our Lord One thousand seven hundred and ninety-nine.

GEORGE (L.S.) DAVIS.