

C. CHUBB,

Having succeeded in simplifying the form and arrangement of the of his IMPROVED PATENT DETECTOR LOCK, for which New Improve His Majesty has granted his Royal Letters Patent, is enabled to manufacture his NEW PATENT LOCKS at much less cost; at the same retaining all the security and advantages of his Improved Detector for which a patent was obtained in the year 1824, the merits of have been so fully ascertained and appreciated by the Public. consequence, offers his NEW PATENT LOCKS, at *considerably reduced* compared with the former Patent, which will be seen by the following List:—

(Two Keys with each Lock.)

PRICES OF THE FORMER PATENT.

| | |
|---|--------|
| 6-inch Rim Lock, . . . 4 Tumblers . . . | £1 6 0 |
| 3-inch Drawer Lock, 3 ditto . . . | 0 10 6 |


PRICES OF THE NEW PATENT.

| | With Detector. | Without Detector |
|-----------------------------------|----------------|------------------|
| 6-inch Rim Lock, . . . 5 Tumblers | £0 18 0 | £0 15 0 |
| 3-inch Drawer Lock, 5 ditto . . . | 0 8 6 | 0 7 0 |

and other Locks in proportion.

Wrought Iron Fire-proof Chests, Safes, and Iron Doors for Rooms, Cash Boxes, Travelling Desks, Despatch Boxes, Post and Private Boxes for depositing with Bankers, on sale and in order, all fitted with the Detector Locks.

Fire-proof Boxes, for securing Deeds, Plate, Jewellery, & great variety.

 The Patent Detector Locks may be fitted to Iron Safes, Chests, and Doors already in use.

The Patentee begs attention to the following testimonials of the superiority of his Lock inventions over any that have yet appeared.

From the Honourable Board of Ordnance.

(COPY.)

“ SIR,

84, Pall

“ GENERAL MANN having submitted to the Board your report of the 10th of October last, reporting your opinion of a new Patent Lock, in Mr. CHUBB,—I am to acquaint you, the Board, concurring in opinion with also with the Officers of the Principal Storekeeper's Department, (to whom a petition has been submitted), as far as regards the superiority of Mr. CHUBB's Lock by an Order, dated the 11th Instant, directed that in all cases where great security may be required, they be adopted.

I am, Sir,

Your most obedient humble Servant
CORNELIUS MANN

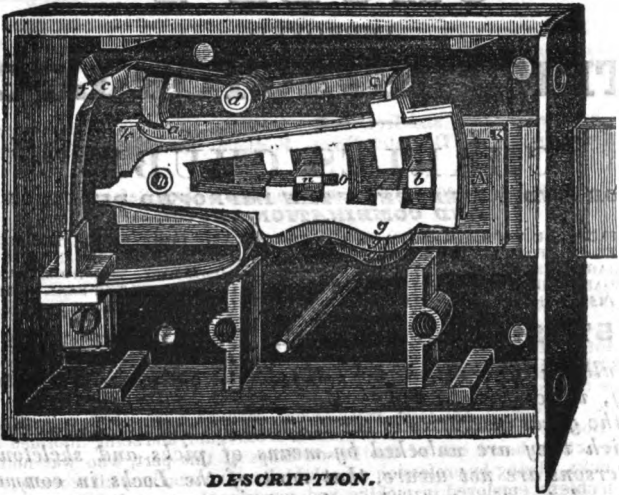
Licut.-C

“ Lieut.-Col. Gossett, M. P.
Commanding Royal Engineer,
Portsmouth.

CHUBB'S

IMPROVED

PATENT DETECTOR LOCK



DESCRIPTION.

A A a, the bolt; b, the square pin of the bolt; c c, the detector, moving centre d; f, the detector spring; g, four tumblers, moving separately on the bolt, and being lifted by the key to the exact position for the square pin b of the bolt to pass. Should one or more of the tumblers be lifted, by a pick or false key, to the least degree beyond their present position, the detector c c, being thus raised, will, by the angle of the spring f pressing on the opposite side of the angle of the detector, force its hook into the notch a of the bolt, and be firmly held so, until the bolt is unlocked. Should the regulating slide K k; in which case, by the introduction of the key, the tumblers are lifted to the regulating combination, and admit the stud n, of the regulating slide, to enter the several grooves o, in them; the bevelled end k of the slide, by the same movement, pressing against the hook of the detector, disengages the hook from the notch a of the bolt.

The Patent Detector Lock possesses in a much higher degree than any other Lock the principal requisites of a good Lock; viz. SECURITY, SIMPLICITY, STRENGTH, and DURABILITY. Its SECURITY, particularly, is increased beyond all former Locks by an improvement, which not only renders it impossible to be picked or opened by any false Instruments, but also detects the first attempt to open it; thereby rendering those repeated efforts, to which even the best Locks hitherto invented are exposed, useless. These Locks, the combinations admit of so great variety, that many thousands may be made, and yet one Key shall not pass any two Locks: and the Detector detects that variety infinite: for the instant that one or more of the tumblers are lifted to the place where the bolt is at liberty to pass, it overfits the Detector, which fits into the tail of the bolt, preventing it from passing, and thus gives incalculable security, (as well as immediate notice, the first time the true Key is put into it, that an attempt has been made to pick it,) and renders all farther attempts to open it being impossible to discover the first combination, to disengage the Detector, and second to remove the bolt; and nothing but the true Key can either release the bolt from its grasp on the bolt, or open the Lock.

In reference to its DURABILITY, it is not liable to be injured by constant use any length of time; this has been ascertained by an Iron-rimmed Lock being

*Extract of a Letter from a Gentleman, principal Agent of one
Bank of England Branch Banks.*

(THE ORIGINAL LETTER MAY BE SEEN AT THE PATENTEE'S.)

SIR,

October 7,

You will be glad to hear that the man to whom I intrusted one of your Locks (of which I before notified to you my intention), with a promise of Five Pounds if I it without the Key, has completely failed in his endeavours to pick it, after *four* *severe trial*; and when I tell you that the man who had it is a Locksmith, whose occupation has been for years, and is still, the whole year round, that of making and repairing Locks, it must be admitted that your Lock has been put to as *severe* it can well be submitted to. I ought also to mention that my confidence in the of your Lock is such, that I was glad of an opportunity of fairly submitting one to the test I mention: because the man and his fellow-workman ~~was~~ *was* that he could your Patent Detector Locks. He has the character of being an ingenious and skill man, and he certainly is so; you will therefore be the more glad to see how v from the mark he was in all his attempted Keys. He was very unwilling to ad self incapable of accomplishing his object, and when I unsealed and opened the his presence, and that of his master and others, they were all astonished to see I much he was out in all the Keys he made in his attempts to open it; unquestion was no nearer effecting his object than when he first began. I consider this so proof of the excellency of your Patent Detector Lock, that you will certainly be gla the Lock in question, as you may like to expose it to public inspection, with notifying the test it has undergone without sustaining any injury. I accordingly you by the Defiance Coach, this day, exactly in the same state as when I unsea

With congratulations on the result of the *more than fair trial* your Lock h stood, (for it is obviously much easier to pick a Lock that is not fixed.)

I remain, &c., &c.

To Mr. CHARLES CHUBB.

CHUBB'S

PATENT COMBINATION LATCH

FOR

FRONT DOORS, COUNTING-HOUSES, &c.

The very great insecurity of Latches for Front Doors in general use, arising from bad principles on which they are constructed, and the consequent facility with which they are picked or unfastened, also from the immense numbers of Keys which were used to unfasten each other's Latch (together with the general inquiry for a more secure Latch), induced the Patentee to turn his attention to the subject; and he has succeeded in inventing improvements on Latches, for which he has lately obtained His Majesty's Letters Patent.

These Latches are simple in their construction, low in price, and possess security beyond any yet offered to the public.

Prices of the Latches with Two Keys, 4-inches 12s. 5-inches 14s. 6-inches 14s. each.

LOST KEYS.

The public attention is requested to Mr. CHUBB'S plan for the prevention of *injury* use being made of *Lost Keys*, and for the recovery of them.

T. R. DRURY, Printer, 2, Johnson's Court, Fleet Street, London.

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