

# MODO Michel

(1885 - 1956)

Pfaffenthal

## Patents (details)

### 1 - Improvements in means for securing closed windows and doors of motor cars and for like purposes

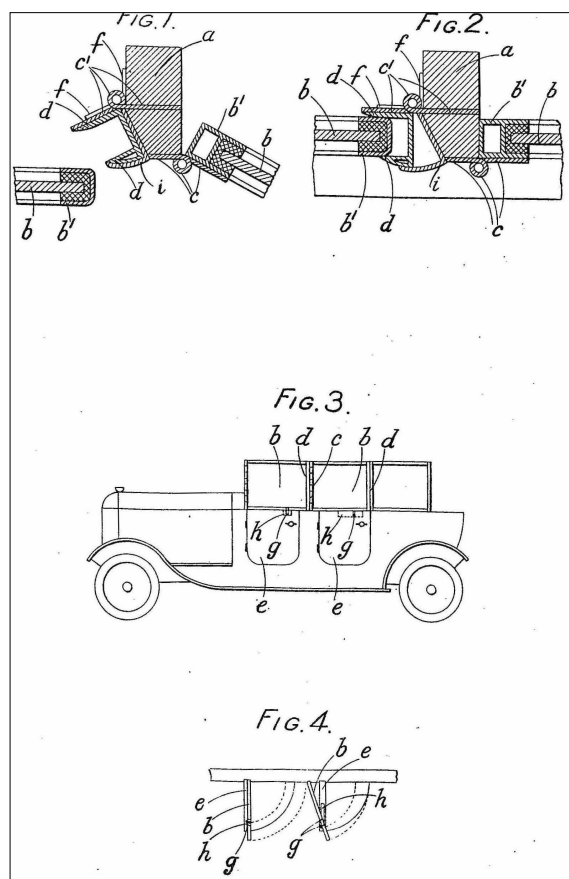
GB patent                    254694  
Application date        15 June 1926

*This invention relates to means for securing closed windows and doors of motor cars and is also adapted to be used for other like purposes.*

*The invention aims at obviating the rattling which occurs with the hitherto known mountings for windows of motor cars during running and to provide a stable, firmly closing and well water tight fitting mounting for the windows which also enables an open car to be easily and rapidly converted into a completely closed car by means of a collapsible or otherwise removable hood.*

*Devices for similar purposes are known. In such devices a lower stop, actuated by the closing window sash of the door, presses an upper stop against the edge of the sash and thereby holds the sash in position. In order thus to obtain sufficient pressure by the upper stop firmly held to the sash, the lower stop must be accurately adjusted relatively to the upper stop and these two stops must at the outset be accurately adjusted relatively to the border of the sash to be held and this adjustment must be permanently maintained. This last mentioned condition cannot, however, be fulfilled, because as experience has shown, the coachwork becomes distorted in the course of time and consequently larger or smaller gaps unavoidably form between the door and the borders of the window sash and the frame. ...*

*In contradistinction to the above described known devices, according to the present invention no mutual pressure is exerted between the fastening member and the sash or the like, said latter being, on the contrary, allowed movement in its own plane whilst however being held against displacement out of its plane. To this end the frame of the sash or the like enters closely into a channel bar which is itself immovably held when in the closed position.*



### 2 - Serrure pour portière d'automobiles et autres usages

LU patent                    14500  
Application date        3 June 1926

(copy to be obtained from ANLux)

### 3 - Automobile door latch

US patent 1757916  
Application date 31 May 1927

*A primary object of the invention is to provide a latch utilizable on automobile doors and adapted to ensure a very reliable fastening of such doors even in the case of prolonged vibrations of the door as for example when the automobile travels on a bumpy road for a long time.*

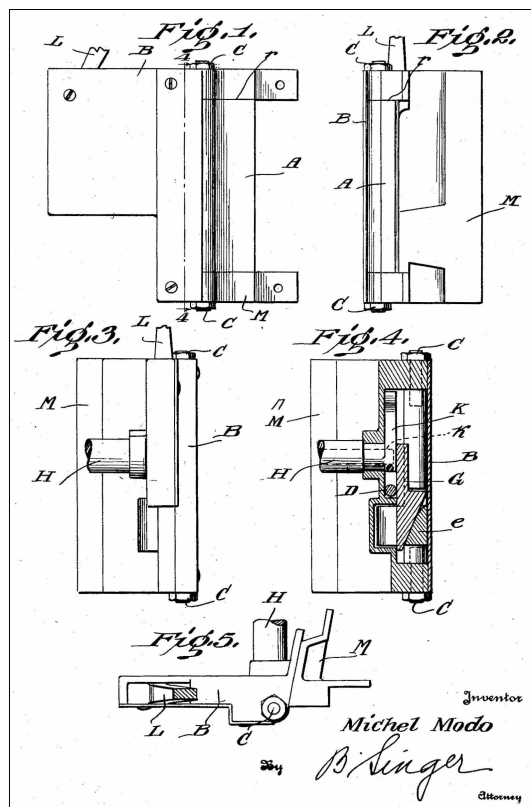
*A further object of the invention is to provide a latch utilizable on automobile doors and having such an improved structure as to automatically bring a door of that type to its securely fastened position under the repeated vibrations of said door should the latter happen to have been only partly closed.*

*A still further object of the invention is to provide a latch utilizable on automobile doors and having such an improved structure as to automatically take up any play of the door in the long run.*

*A still further object of the invention is to provide a latch utilizable on automobile doors and so structured as to securely hold a door of that type in three directions, to wit : sidewise, lengthwise and heightwise,*

*A still further object of the invention is to provide a latch utilizable on automobile doors and adapted to relieve the doors of that type of the greater part of their wear and tear while preventing any rattling thereof.*

*A still further object of the invention is to provide a latch utilizable on automobile doors and so constructed as to leave a clearance around such doors whereby many disadvantages, such for instance as jamming effects due to the expansion of wood of which the doors are usually made, are avoided.*



### 4 - Fahrbarer Kiosk mit aufklappbaren Bodenflächen für Musik und Gesangzwecke sowie alle sonstigen Verwendungsmöglichkeiten

LU patent 19107  
Application date 27 July 1932

(copy to be obtained from ANLux)

### 5 - Markise mit ununterbrochenem durchgehendem Tuch für Gebäude mit im Grundriß abgerundeten Ecken, für gerade oder irgend einer anderen, von gerader Linie abweichenden Grundrißform

LU patent 21628  
Application date 11 July 1935

(copy to be obtained from ANLux)