

D. BARNARD.
DASHBOARD SAFE FOR AUTOMOBILES AND OTHER VEHICLES.
APPLICATION FILED MAY 2, 1907.

937,278.

Patented Oct. 19, 1909

Fig. 1.

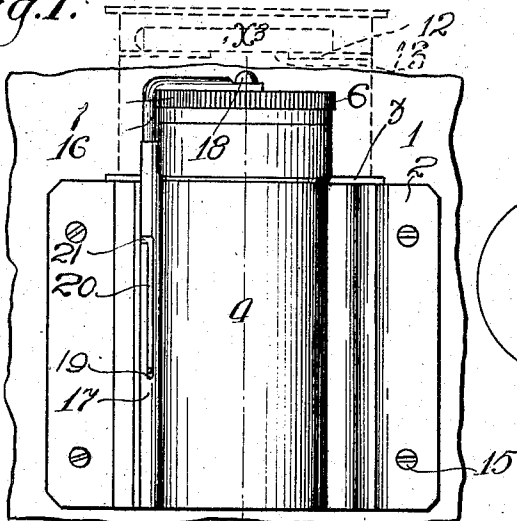


Fig. 2.

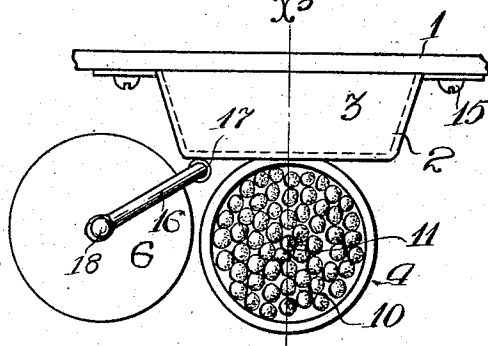


Fig. 3.

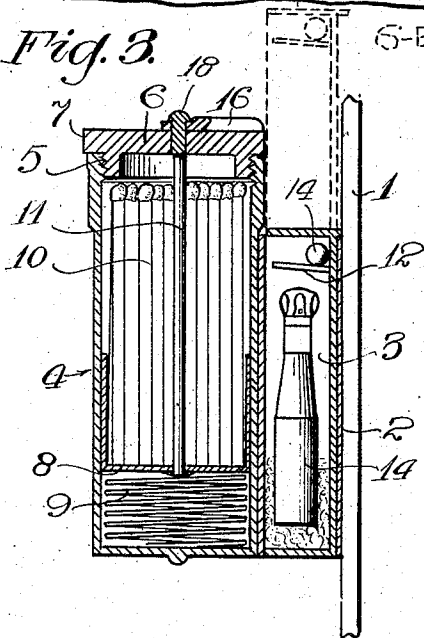


Fig. 4.

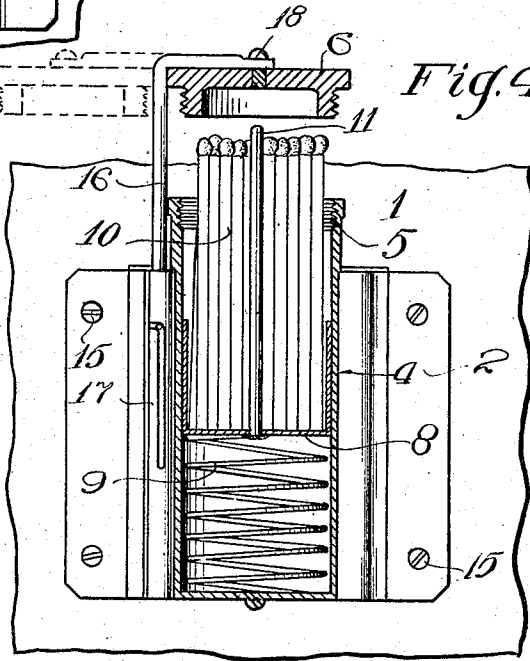
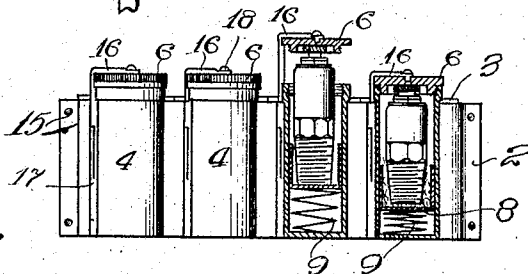


Fig. 5.



Witnesses:

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UNITED STATES PATENT OFFICE.

DAVIS BARNARD, OF LOS ANGELES, CALIFORNIA. ASSIGNOR OF ONE-THIRD TO RUSS AVERY, OF LOS ANGELES, CALIFORNIA.

DASHBOARD-SAFE FOR AUTOMOBILES AND OTHER VEHICLES.

937,278.

Specification of Letters Patent.

Patented Oct. 19, 1909.

Application filed May 2, 1907. Serial No. 371,544.

To all whom it may concern:

Be it known that I, DAVIS BARNARD, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Dashboard-Safe for Automobiles and other Vehicles, of which the following is a specification.

An object of the invention is to provide a certain safe receptacle whereby the users or attendants of automobiles and other vehicles may always be provided with matches, burner tips, and burner-tip-cleaners, by the exercise of reasonable care; the matches always being protected from dampness when the safe is closed, and being readily accessible whenever the safe is opened.

A feature of the invention in its preferred form is the combination of a match-safe with the dash-board of an automobile or other vehicle, whereby the match-safe is made a convenient fixture to insure that the user of the vehicle has matches at hand for lighting his lamp, provided reasonable attention is given to maintaining a supply in the match-safe.

In carrying out this invention one valuable and novel feature is, that the closure of the safe is constructed so as to cause some inconvenience to the person desiring to use the matches, thus to induce him to make use of other supplies when available, and to keep the supply in the safe as a reserve for emergency use.

Other features are to house the matches in a water-tight receptacle, to expose the matches when the closure is released, to provide for returning the matches into the receptacle when the closure is applied, and to do this without allowing the closure to engage the matches, thus avoiding any danger of igniting the matches in the act of closing or opening the safe.

Another feature is to avoid the displacement or loss of the closure of the match-safe. The invention relates more particularly to use on vehicles, but it will be apparent that certain features thereof are applicable to motor-boats and other vessels.

A further object of the invention is to provide a safe for spark-plugs that will preserve the same from injury and keep a reserve supply always conveniently ready at hand for the chauffeur.

The accompanying drawings illustrate the

invention in a form I at present deem most desirable.

Figure 1 is a view of the invention as it appears in use on a vehicle, a fragment of which is shown. The back receptacle of the safe is shown open in dotted lines. Fig. 2 is a plan of the same with the match-safe open. Fig. 3 is an axial section on line x^3 , Figs. 1 and 2, showing the safe closed. Dotted lines indicate open position of the back receptacle. Fig. 4 is a section at right angles to Fig. 3, showing the match-safe open. Fig. 5 shows a spark-plug safe-battery partly in section in which the construction of the safe is substantially the same as that shown in the other views, omitting the plunger-depressing-rod.

1 designates the dash-board of any vehicle.

2 designates the bracket or dash-board plate; 3, the burner-tip and burner-cleaner-receptacle, the same forming a bracket for the match-receptacle or safe 4 which is in the form of a tube closed at the bottom and open at the top, and having a screw-socket 5 to receive a screw-cap 6 having a knurled projecting rim 7.

8 is a match-holding-plunger in the form of a tubular cup open at the top and fitting inside the tube of the match-safe-tube 4.

9 is a spring to normally project the plunger sufficiently to bring the tops of the matches 10 above the top of the safe-tube 4 whenever the closure 6 is unscrewed.

11 designates the plunger-returning-rod or stem which is longer than the matches to be used, and projects above the top ends of said matches when the same are in the safe, thus to be engaged by the closure 6 before the same can engage the matches in the operation of closing the safe. The matches may be inserted in the safe either end up, and they rest on the plunger 8.

In the operation of putting the screw-cap closure 6 in place, it will first engage the rod 11 and thus force the plunger 8 down into the safe-tube 4, thus allowing the matches to sink away from the closure without being engaged or ignited thereby. The screw-cap may be screwed down tightly, thus closing the safe against the admission of moisture, thereby preserving the matches and also affording sufficient inconvenience against gaining access to the matches to prevent the use of the safe as an ordinary convenience for supplying matches. It is evident that when

in case of emergency it is necessary to have matches within reach, the supply in the safe is readily accessible.

12 designates a shelf in the burner-tip and cleaner-safe 3, the same being divided to leave a finger-space 13 through which the burner-tip-cleaner can be gotten at for withdrawal from the shelf. Said shelf slopes rearwardly to cause the burner-tip-cleaner 14 to roll to the back of the case, thus to be retained against displacement when the receptacle 3 is opened. The plates which form the front and rear of the burner-tip and cleaner-safe are perforated, and screws or bolts 15 pass through the perforations to secure said plates to the dash-board.

16 is a swivel-rod slidingly and pivotally held by a tube 17 fastened to the bracket 2, and pivoted to the closure or cap 6 by pivot 18 that is riveted and soldered to the center of the cap, thus to allow the cap to be rotated and unscrewed. Any form of stop may be supplied to hold the swivel-rod from complete withdrawal. A lug, projection or pin 19 on said rod may be made to play in a slot 20 having a bend 21 in which the pin may be brought when the cap 6 is swung to one side, as seen in Fig. 2 and in dotted lines in Fig. 4.

I claim:—

1. A safe comprising a hollow body, a swivel rod slidingly and pivotally held relative to the hollow body, a cap carried by the swivel rod and adapted to screw-seat upon the hollow body, a plunger in the hollow body, a spring for elevating the plunger, and means carried by the plunger to be engaged by the cap; so that the plunger is depressed against the tension of the spring by screwing down the cap.

2. A safe comprising a hollow body having a cap removably secured in one end, a plunger in said hollow body, a vertical stem fixed to said plunger, and a spring beneath said plunger, said cap being arranged to engage said stem and hold said plunger against the tension of the spring.

3. A safe comprising a hollow body having a cap removably fitted to one end thereof, a match-receiving plunger in said body, a vertical stem fixed to said plunger extending above the height of said matches, a spring beneath said plunger, said stem being arranged to be engaged by said cap to normally hold said plunger under the tension of said spring, and a housing secured to said hollow body and forming a bracket for the safe.

4. In a match-safe for vehicles, a spring-actuated, cup-like match-holding plunger having a vertical stem fixed in the center of its base and extending upward to a point above the tops of the matches to be contained in said plunger, a containing case for said plunger with spring means to operate the

plunger, a swivel rod suitably mounted relative to the case, and a screw-cap carried by the swivel rod to engage the top of said case and movable upward and downward and sidewise, and means for securing said safe to the dash-board of a vehicle.

5. A safe comprising a tubular shell having a match-supporting spring-controlled member in the bore thereof, a vertical stem fixed to said member and of greater length than the matches, a cap removably fitting the end of said tubular shell, a housing secured to said tubular shell forming a receptacle, and wings provided on said housing provided with openings adapted to receive screws or nails for securing the safe in position.

6. A safe comprising a hollow body having a cap removably secured to one end of the same, a spring-actuated cup in said hollow body arranged to receive matches, a stem fixed vertically to said cup and of greater length than the matches, and a housing secured to said hollow body, said body forming a bracket for the safe.

7. The combination with a dash-board of an automobile, of a safe secured to the dash-board, said safe comprising a hollow body, a swivel rod slidingly and pivotally connected to the hollow body, and a cap carried by the swivel rod, there being a screw-connection between the cap and the hollow body.

8. The combination with a dash-board of an automobile, of a safe secured to the dash-board, said safe comprising a hollow body, a swivel rod slidingly and pivotally connected to the hollow body, a cap carried by the swivel rod, there being a screw-connection between the cap and the hollow body, a plunger in the hollow body, a spring for elevating the plunger, and means carried by the plunger to be engaged by the cap for depressing the plunger by screwing down the cap.

9. A bracket, a safe secured thereby to the dash-board of an automobile and provided with a cap, means to secure the cap in place, and swivel means on the bracket to hold the cap when not in use.

10. A safe comprising two receptacles, one in front of the other, means for closing said receptacles, and means in one of the receptacles to project the contents thereof when the closure of such receptacle is removed, the other receptacle forming a support for such closure, and for the receptacle thereof.

11. The combination with the dash-board of an automobile, of a hollow bracket, a receptacle mounted to slide up and down in the hollow bracket, said receptacle being open on the front side, and said receptacle being provided with a bottom and with a shelf above the bottom, a safe secured to the bracket in front of the receptacle, a swivel rod slidingly and pivotally mounted, and a

cap carried by the swivel rod and adapted to close the safe.

12. A safe comprising a tube closed at one end and screw-threaded at the other, a cap to screw thereon, a pivot in the center of the cap, a bent rod held by said pivot, and a support for said rod constructed to allow only a limited vertical and rotary movement thereof.

13. A match-safe for dash-boards of vehicles, comprising a shell with a swivel-rod slidingly attached to its outer surface, provided with an arm extending at right angles thereto, and a screw-cap to engage the top of said shell hung at its outer center pivotally

from the arm of said swivel-rod, a plunger-case fitted slidingly in said shell and seated on spring means, a vertical stem fixed to the center of said plunger, adapted to extend slightly above the top of the matches contained in said plunger, to engage the cap when secured thereon, and means for securing said safe to a dash-board.

In testimony whereof, I have hereunto set my hand at Los Angeles California this 23d day of April 1907.

DAVIS BARNARD.

In presence of—

JAMES R. TOWNSEND,

M. BEULAH TOWNSEND.