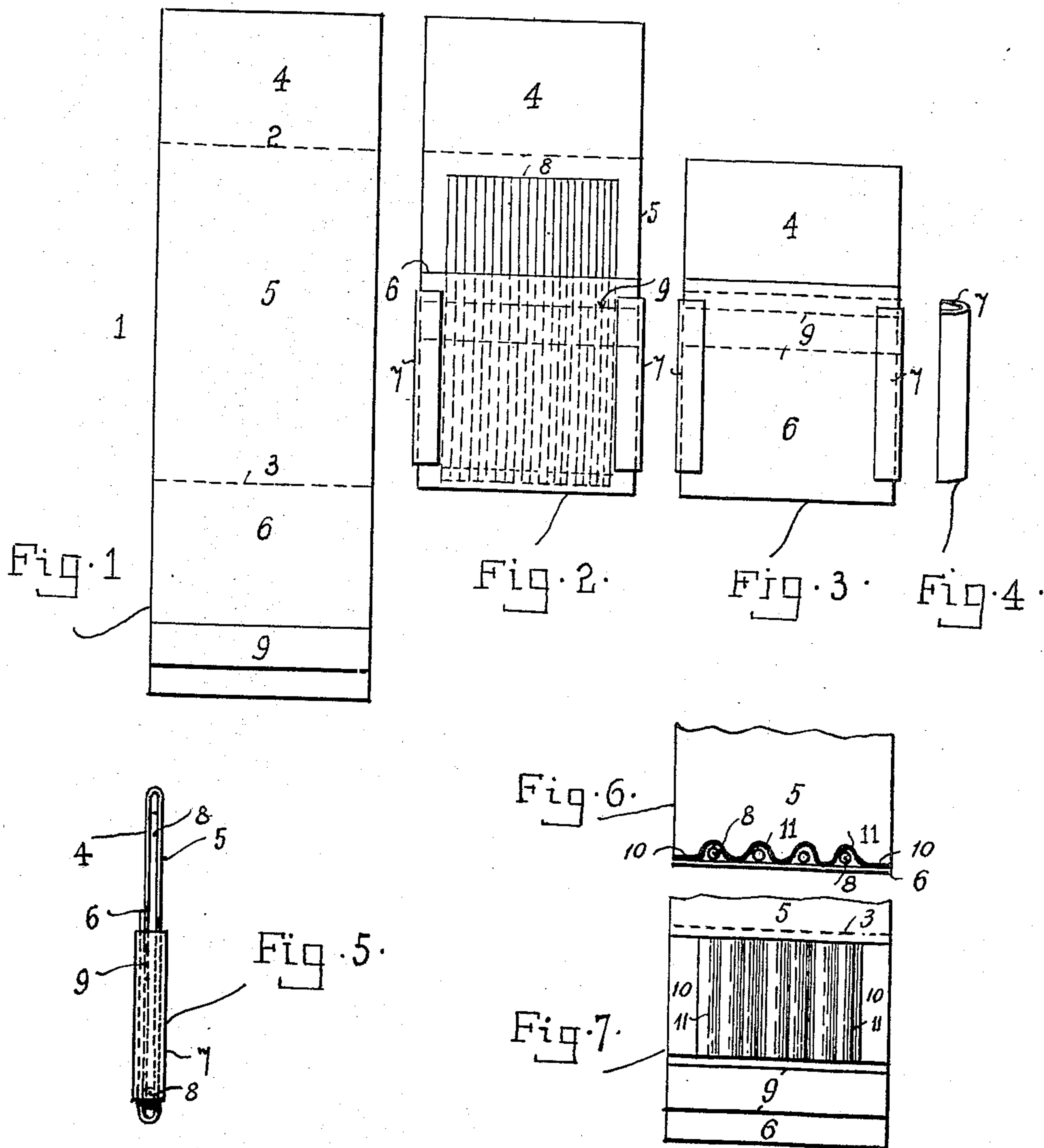


P. E. GONON.
 SELF IGNITING FOLDED MATCH BOX.
 APPLICATION FILED APR. 28, 1908.

921,827.

Patented May 18, 1909.



WITNESSES

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UNITED STATES PATENT OFFICE.

PAUL E. GONON, OF NEW YORK, N. Y., ASSIGNOR TO THE MATCHLESS MATCH COMPANY, OF
NEW YORK, N. Y., A CORPORATION OF NEW YORK.

SELF-IGNITING FOLDED MATCH-BOX.

No. 921,827.

Specification of Letters Patent.

Patented May 18, 1909.

Application filed April 23, 1908. Serial No. 429,776.

To all whom it may concern:

Be it known that I, PAUL E. GONON, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Self-Igniting Folded Match-Boxes, of which the following is a specification.

This invention pertains to improvements in match boxes, and has for its object to generally improve, simplify, and increase the utility of devices of this nature.

Further and other objects will appear in the course of the following specification.

In the drawings: Figure 1 is a plan view of a blank from which a match box is constructed, Fig. 2, is a front elevation of the completed match box showing the cover flap in raised position, Fig. 3, is a similar view showing the cover flap in closed position, Fig. 4, is a side elevation of one of the clamps employed to form the sides of the match receiving pocket, Fig. 5, is a side elevation of Fig. 3, Fig. 6, is a modification showing a different form of a pocket for the matches, and Fig. 7, is a front elevation of the pocket of Fig. 6.

In constructing a match box in accordance with this invention, a sheet of card board or other suitable material 1, is employed which is bent along the line 2, to form the cover flap 4, and which is further bent along the line 3, to form the front of the match receptacle, the rear of the match receptacle being formed by the lower portion of part 5 of the blank 1. As illustrated in Figs. 2, 3, and 5 of the drawings I employ a clamp 7, which may be formed of sheet metal or other suitable material, this clamp being U-shape in cross section, and receives the side edges of the parts 5 and 6, the clamps being secured firmly to said parts and forming the sides of the match pocket or receptacle. As depicted in the drawings I provide on the inner edges of the front flap 6 a layer of abrasive material 9, which being located at a point adjacent the top end of the match pocket or receptacle will ignite the matches prior to the removal of the latter from the receptacle or pocket. It will be observed that the front flap at its inner end projects slightly beyond the inner terminals of the clamps 7, which thereby provides a retaining flap for the cover flap 4, when the latter is in closed position as depicted in Fig. 5.

It will further be seen that in cases where sheet metal is used as the material for clamp 7, the free edges of the latter may be pinched so as to frictionally grip the parts 5 and 6 and thereby provide an inexpensive and yet efficient mode of connecting such parts.

In Figs. 6 and 7 I have illustrated a slight modification wherein a sheet of corrugated card board 10 is employed, the corrugations 11 of which form individual pockets for the matches. In this instance it is possible to glue the sides of the corrugated card board 10 to the front flap 6. The strip of abrasive material 9, is located at the outer end of the corrugated card board in order that when the matches are removed they will be ignited as in the preferred form of the invention.

By locating the clamp 7 at a point below the upper or inner edge of the front flap 6, the latter has a certain amount of freedom as regards its outward movement to provide for the easy insertion and removal of the lower or inner end of the cover flap 4. Further by locating the lower or outer ends of the clamp 7 at a point above the lower or outer end of the pocket or receptacle, no hindrance is had to the easy removal and insertion of the match heads, which occupy the space at the bottom of the receptacle or pocket.

What I claim is:

A match box composed of a body having a cover flap and a front flap, clamps engaging along the side edges of said front flap and said body, the inner end of the front flap extending beyond the inner ends of said clamps to provide a retaining flap for the cover flap, the outer end of the front flap and the outer end of said body extending beyond the outer ends of the clamps so as to provide space for the match heads, said front flap at its inner end and on its inner face having a layer of abrasive material thereon, said abrasive material being applied to said inner face of the front flap at points on the latter to the inner ends of said clamps.

Signed at the city of New York in the county of New York and State of New York this sixth day of April A. D. 1908.

PAUL E. GONON.

Witnesses:

PHILIP SANDS,
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