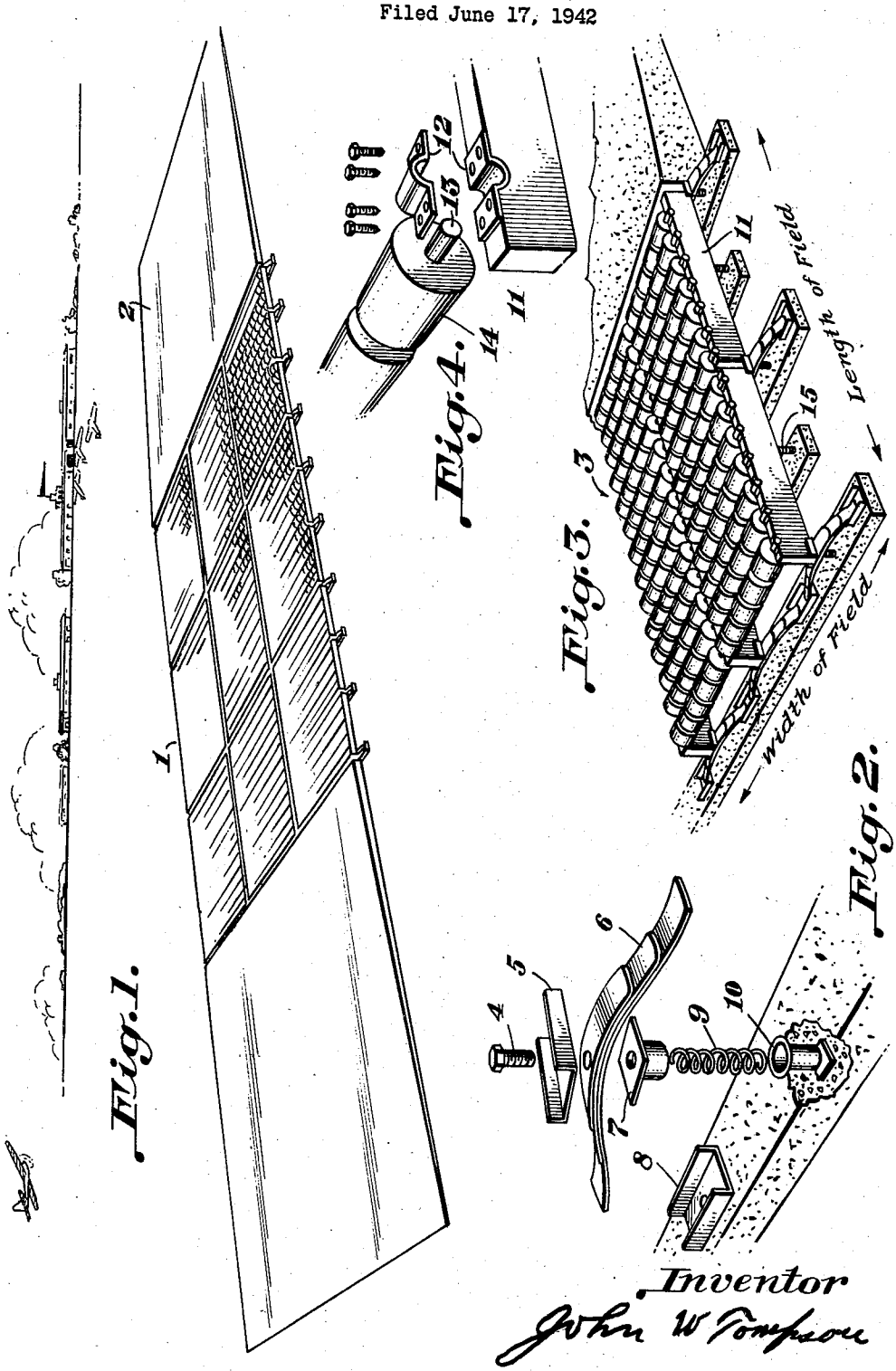
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SAFETY LANDING FIELD FOR AIRPLANES

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SAFETY LANDING FIELD FOR AIRPLANES

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1 Claim. (Cl. 244—114)

The object of my invention is not only to furnish a safe landing field, but to save lives and property. This invention relates to improvements in starting and landing revolving platforms for airplanes or other flying machines of a similar or like nature.

The principal objects of my invention are to provide a fixed and revolving platform in combination with springs and rolling wheels that allow the alighting plane to land safely and continue on its course until brought to a stop.

The other objects and advantages of my invention will appear more clearly apparent in the detailed descritpion that follows, in which same are more definitely described in the appended specifications and drawing forming necessary and important parts thereof.

Figure 1 is a perspective view of landing field showing location of aprons at end of field, location of beam and springs bolted together by bolt 4 inserted through 5 and 6 and through 7 and 10 in which 9 is inserted and also through 9 into 7 and 10 under collar as shown in Figure 3.

Fig. 2 is an exploded perspective view of the spring mounting means.

Figure 3 is a perspective view of a section of the landing platform showing the shaft crosswise of the platform on which the wheels are mounted. Also, the beam extending lengthwise of the platform supporting the shafts, also showing the springs attached to the underside of the beam as a support to the beam.

Fig. 4 is an exploded perspective view of one of the wheel mountings.

Concrete aprons 2 are situated, one at each end of the field, to facilitate the ingress and egress of the plane when alighting or departing. They are flush with the top of the wheels forming the field.

Element 4 is the screw bolt inserted through 5 and 6 and through 7 into 10 in which 9 is inserted, thus holding the entire unit in place, also to insert 9 into 7 and 10 under 11 in Figure 3.

Element 5 is the iron plate in which both ends 11 rest. Element 6 is a steel leaf spring 4 inches wide, resting on top of 7. It is 4 feet 6 inches long with a radius of 18 inches and flattened out at each end to permit spreading when weighted down. They are to be 3 feet 6 inches apart measured the long way from center to center. Element 7 is the plate with collar forming a part thereof, in which 9 is inserted. Element 8 is the iron shoe in which the flattened ends of 6 rest. It is embedded in concrete to hold it in place. Element 9 is the vertical coil spring. It is 22 inches long, 4 inches in diameter and is made of heavy steel with coils one-half inch in diameter. The lower end is inserted in collar 10, and the upper end in 7. This same spring shall also be placed under beam 11, inserted at top in 7 and at bottom in 10, Fig. 2. Element 10 is the iron collar embedded in concrete in which 9 is inserted at lower end. Element 11 is the wooden beam 4 inches thick, 8 inches wide and 7 feet long, and when in place to clear 4 inches above 5. Element 12 is the iron collar in which shaft 13 rests at both ends on top of 11, 16 inches apart from center of 12. They are 4 inches wide, 6 inches long. Element 13 is the shaft resting at both ends in 12 on top of 11. They are 5 feet long, 2 inches in diameter, placed 16 inches apart and made of cast iron. Element 14 is the wheel made of wood, rubber or cast iron, 12 inches in length, 9 inches in diameter, 2⅛ inches opening in center to admit shaft 13. Element 15 is 9 under 11 view 3.

I claim:

A landing platform for airplanes comprising a series of parallel horizontal shafts extending crosswise of the platform, a plurality of revolving wheels mounted on each shaft, a plurality of parallel horizontal beams extending lengthwise of the platform, journals supporting said shafts on said beams, springs, means attached to the under side of and supporting said beams.

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