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(71) Applicant: YU YEE ENGINEERING PTE LTD
[SG/SG]; 64 Sungei Kadut Street 1, Sungei Kadut Industrial
Estate, Singapore S729365 (SG).

(72) Inventor: TOH, Thiam Seah, Victor; 120 Faber Hills,
Faber Estate, Singapore S129070 (SG).

(74) Agent: ALLIED INTUIT PTE LTD; 33 UBI Ave 3, The
Vertex, #01-55, Singapore S408868 (SG).

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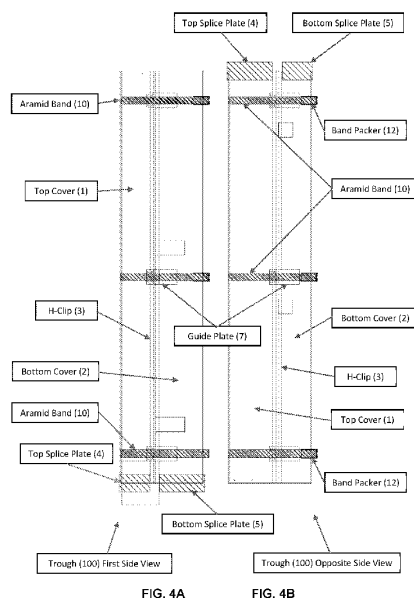
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(54) Title: A CABLE TROUGH SYSTEM



(57) Abstract: A cable trough system includes: a plurality of serially con-
nected cuboid members, each having a top casing and a bottom trough joined
to form an elongate body; a plurality of top bracket and bottom bracket pairs
secured to a joint where edges of the top and bottom casing of two adjacent
cuboid members meet; and a plurality of belts, each slidably engageable with
a corresponding buckle. Each belt includes an explosive force absorbent/res-
ilient/resistant polymer fiber band. Each buckle includes an outer frame car-
rying one or more crossbars catching against the band for strapping/securing
the belt around the cuboid member. Each buckle is configured to allow its
corresponding belt to slide a limited distance permitting upward lifting of
the top casing of a cuboid member away from the bottom casing, creating
a gap for discharging increased air pressure within the hollow cavity in the
occurrence of a fire/explosive incident.

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