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(71) Applicant: LIONSBOT INTERNATIONAL PTE. LTD.

[SG/SG]; 11 Changi South Street 3, #03-02, Singapore
486122 (SG).

(72) Inventor: CHAY, Wai Peng Benjamin; c/o Lionsbot International Pte. Ltd., 11 Changi South Street 3, #03-02, Singapore 486122 (SG).

(74) Agent: YUSARN AUDREY LLC; 4 Shenton Way, #14-03, SGX Centre 2, Singapore 068807 (SG).

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(54) Title: A BUMPER SYSTEM AND A DEVICE HAVING THE SAME

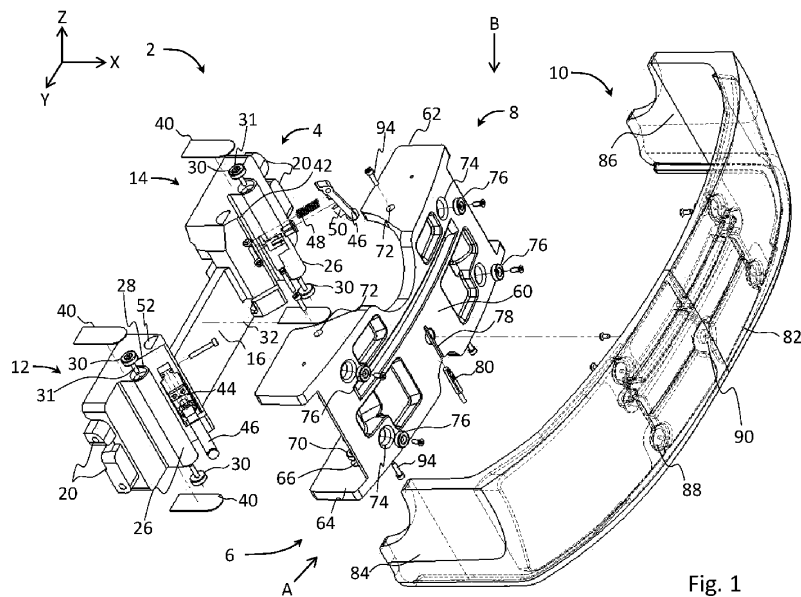


Fig. 1

(57) Abstract: A bumper system is disclosed. The bumper includes a support having one or more first members. The bumper further includes a bumper having one or more second members. The bumper being maintainable by the support in a rest position with respect to the support due to magnetic attraction between the one or more first members and the one or more second members when no force is applied to the bumper. The bumper is dislodgable from the rest position towards the support when a force is applied to the bumper. When the force is removed from the bumper, the magnetic attraction between the one or more first members and the one or more second members returns the bumper to the rest position. The bumper system further includes one or more sensors mounted to either the support or the bumper for detecting dislodgement of the bumper from the rest position. A device including the bumper system is also disclosed.

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