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(54) **Title:** BATTERY BLAST PREVENTION SYSTEM FOR REMOVABLE AND FIXED BATTERIES

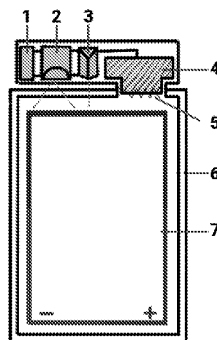


Figure 2: Battery Blast Prevention System along with the Battery

(57) **Abstract:** The present invention is for a system which proactively prevents any explosion or combustion of a single battery or a pack of single cell or multi cell batteries. The present invention discloses an independent cell or capacitor (fireproof and fire protected) (Figure 2 (1)) and sensors (which can monitor temperature and size variation of the battery) (Figure 2 (2)), which are fixed inside a casing. This casing further consists a three-sided piezo electric container (Figure 2 (4)), which contains a highly pressurized powdered or gaseous fire retardant. The present invention further protects the remaining components of the device or the automobile, which could otherwise get damaged because of the explosion, deformation or combustion of the batteries.



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