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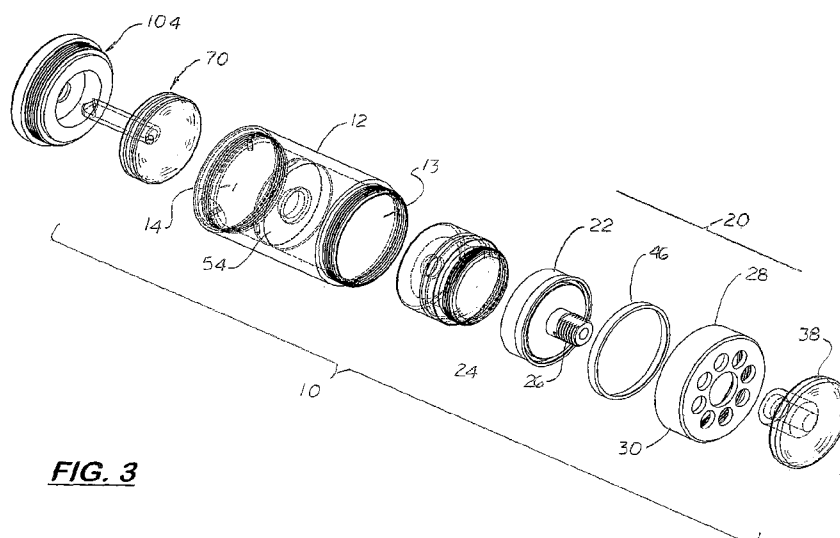
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(54) Title: GAS CONTROLLED DELAY TIMING DEVICE



**FIG. 3**

(57) Abstract: A delay release device that connects to an aerosol filled canister that releases the aerosol in a delayed manner. The device includes a main body with a first plunger assembly mounted on one end. Formed adjacent to the first plunger assembly is a first chamber filled with a compressed gas pressurized from 40 to 150 psi based on the time delay desired. In the main body adjacent to the first chamber is a second chamber and a third chamber.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2013/068127

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - F42C 9/06 (2014.01)

USPC - 239/70

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) - B65D 83/14; F42B 12/46, 12/50; F42C 9/06 (2014.01)

USPC - 102/334, 367, 368; 239/68, 70

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
CPC - B65D 83/14, 83/207; F42B 12/46, 12/50; F42C 9/06 (2014.02)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Orbit, Google Patents, Google

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|------------------------------------------------------------------------------------|-----------------------|
| Y         | US 5,753,849 A (POSEY et al) 19 May 1998 (19.05.1998) entire document              | 1-3                   |
| Y         | US 3,785,569 A (HELMRICH) 15 January 1974 (15.01.1974) entire document             | 1-3                   |
| Y         | US 2010/0199960 A1 (CHONG) 12 August 2010 (12.08.2010) entire document             | 1-3                   |
| A         | US 6,453,819 B1 (COATES) 24 September 2002 (24.09.2002) entire document            | 1-3                   |
| A         | US 6,926,172 B2 (JAWORSKI et al) 09 August 2005 (09.08.2005) entire document       | 1-3                   |

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