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(71) Applicant: **General Dynamics Ordnance and Tactical Systems - Canada Inc.**
Le Gardeur, QC J5Z 2P4 (CA)

(72) Inventors:
- **Guindon, Louise**
  Ville de Laval, Quebec H7M 4J7 (CA)
- **Jalbert, Carol**
  Quebec J6W 6E3 (CA)
- **Lepage, Daniel**
  Quebec J5Z 3A6 (CA)

(74) Representative: **Rogers, Alex Lee**
Haseltine Lake LLP
Redcliff Quay
120 Redcliff Street
Bristol BS1 6HU (GB)

(54) Non-toxic, heavy metal-free zinc peroxide-containing IR tracer compositions and IR tracer projectiles containing same generating a dim visability IR trace

(57) Novel non-toxic, heavy-metal free, zinc peroxide-containing, IR tracer compositions are provided herein, which, when incorporated into a medium caliber IR tracer projectile and fired, produced a dim visibility IR trace. Such IR tracer compositions comprise from about 65 to about 75% by weight, of zinc peroxide; from about 15 to about 25% by weight of a non-metallic fuel which consists of sodium salicylate; and an effective amount of a binder which is selected from the group consisting of calcium resinate and cellulose acetate butyrate. The total percentage of the ingredients ads up to 100%. Medium caliber, i.e., 0.50 caliber, IR tracer projectiles containing such IR tracer compositions are also provided.

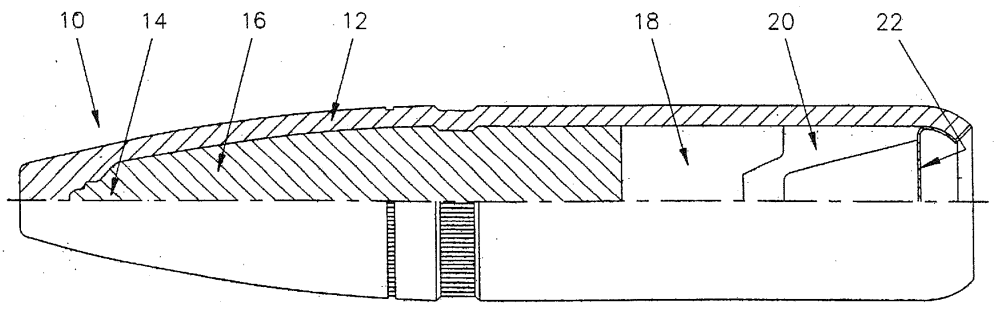

FIGURE 1

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EUROPEAN SEARCH REPORT

Application Number
EP 11 16 6798

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	9 August 2012	Schut, Robert

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X : particularly relevant if taken alone
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