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(71) Applicant *(for all designated States except US)*: **CALDERA ENGINEERING, LLC** [US/US]; 695 South 320 West, Provo, Utah 84601 (US).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **PETERSON, John Roger** [US/US]; 3222 Apache Lane, Provo, Utah 84604 (US).

(74) Agent: **PLATT, John H.**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, Arizona 85004-2202 (US).

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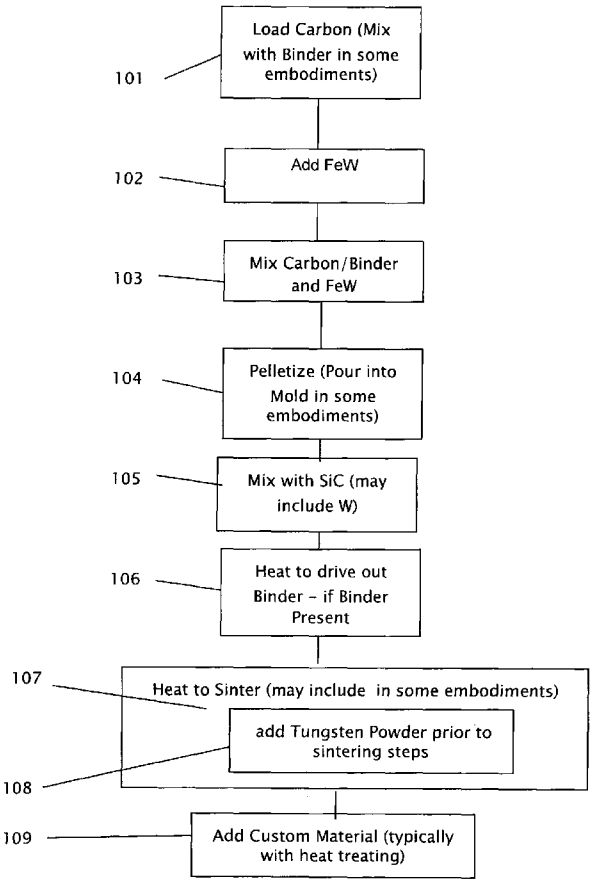
[Continued on next page]

(54) Title: METHOD FOR MAKING A NON-TOXIC DENSE MATERIAL



(57) Abstract: A composition having high density and low toxicity suitable for use as a shotgun pellet, a bullet or armor piercing projectile and a method for manufacturing such composition is described. This material and product are developed to economically address the toxicity problems inherent in lead shot and bullets. This composition, in its present embodiment, is also suitable for use in any product requiring high-density and low toxicity. One present embodiment maintains the magnetic properties of the projectile if desired.

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European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. F42B7/04 F42B12/74 C22C1/04 C22C32/00

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)
F42B B22F C22C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 399 187 A (MRAVIC BRIAN [US] ET AL) 21 March 1995 (1995-03-21) cited in the application examples	1,5,6, 8-10, 12-14, 16,17, 19,22, 23,25, 27-29, 31,32, 34-36, 47-49
Y	column 6, lines 6-18 figure 1 -----	3,4,7, 11,18, 20,21, 24,37

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
1 November 2007	09/11/2007

Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Morra, Valentina

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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