

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
15 August 2002 (15.08.2002)

PCT

(10) International Publication Number
WO 02/063257 A1

(51) International Patent Classification⁷: **G01J 1/04**

(21) International Application Number: PCT/US01/13746

(22) International Filing Date: 26 April 2001 (26.04.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/746,884 22 December 2000 (22.12.2000) US

(71) Applicant: **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) Inventors: **KUHNS, David, W.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **CLAUSEN, Thomas, M.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **LEE, Shawn, W.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **VANHOOSE, Steven, R.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) Agents: **SZYMANSKI, Brian, E.** et al.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), DE (utility model), DK (utility model), DM, DZ, EE (utility model), ES, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK (utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

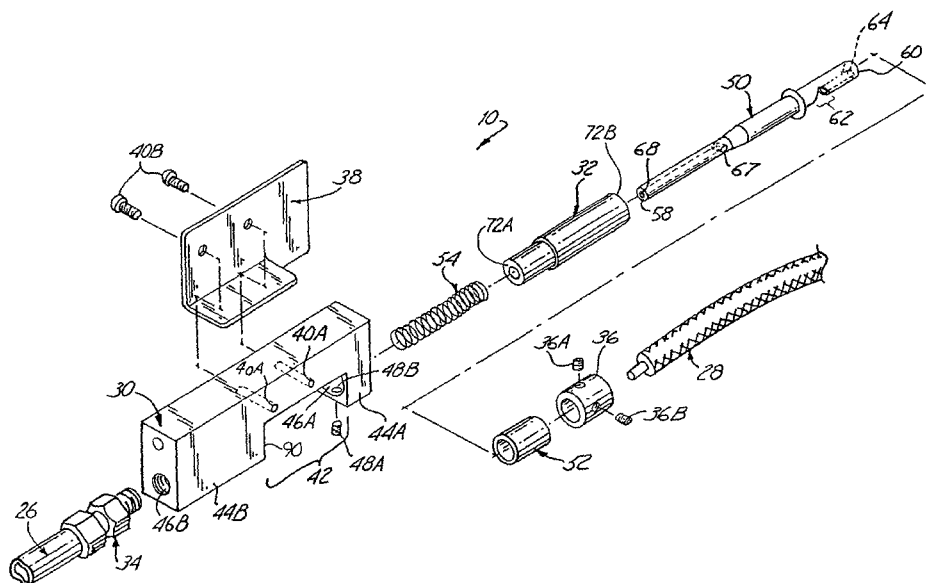
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: RADIATION DETECTOR WITH PNEUMATICALLY OPERATED SHUTTER AND METHOD OF USE



(57) Abstract: The invention is a pneumatically actuated energy collection device. The device includes a support which has an energy collector thereon. A shutter is slidably attached to the support and can be moved between a first "closed" position and a second "open" position. In its first position, the shutter covers the collector and in its second position, the shutter uncovers the collector. The shutter is biased into one of the positions. A chamber is disposed adjacent to the shutter so that when the chamber is pressurized, the shutter bias is overcome and the shutter is moved between the first position and the second position.



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