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Form PTO-1595 (Rev. 03-05)
OMB No. 0651-0027 (exp. 6/30/2005)

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To the Director of the U.S. Patent and Trademark Office: Please	record the attached do
Name of conveying party(ies):	2. Name and address of receiving party(ies)
Renato Andrea Danilo TURCHETTA (07/16/2004), Giulio Enrico VILLANI (11/16/2004), and Mark Lyndon PRYDDERCH (07/16/2004) Additional name(s) of conveying party(les) attached?	COUNCIL FOR THE CENTRAL LABORATORY OF THE RESEARCH COUNCILS Internal Address: Street Address:
3. Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name X Assignment (3 Merger Change of Name Security Agreement Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other	Daresbury Laboratory Daresbury, Warrington CHESHIRE WA4 4AD UNITED KINGDOM City: State: Country: Additional name(s) & address(es) attached: Yes X No
A. Application or patent number(s): A. Patent Application No.(s) NEW Additional numbers attached?	This document is being filed together with a new application. B. Patent No.(s) 10/556, 038 Yes x No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Michael K. Mutter BIRCH, STEWART, KOLASCH & BIRCH, LLP Internal Address: Atty. Dkt.: 1028-0204PUS1 Street Address: 8110 Gatehouse Road Suite 100 East P.O. Box 747	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card Authorized to be charged to deposit account X Enclosed None required (government interest not affecting title)
City: Falls Church State: VA Zip: 22040-0747 Phone Number: (703) 205-8000 Fax Number: (703) 205-8050 Email Address: oraditaom@bskb.com	8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number Authorized User Name
9. Signature: Signature Michael K. Mutter - 29,680 Name of Person Signing	November 8, 2005 Date Total number of pages including cover sheet, attachments, and documents: 7

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MKM/clb

Birch, Stewart, Kolasch & Birch, LLP

PATENT REEL: 019405 FRAME: 0006

(60)

ASSIGNMENT

WHEREAS, WE, RENATO ANDREA DANILO TURCHETTA a citizen of Italy with a post office address of 162 South Avenue, Abingdon, Oxfordshire OX14 1QX, United Kingdom and GIULIO ENRICO VILLANI a citizen of Italy with a post office address of 27 Varsity Place, Oxford, Oxfordshire OX1 4TZ, United Kingdom and MARK LYNDON PRYDDERCH a citizen of the United Kingdom with a post office address of 6 Neville Way, Stanford in the Vale, Farringdon, Oxfordshire SN7 8LY, United Kingdom, hereinafter generally referred to as "ASSIGNORS", have invented a certain new and useful invention titled

ACCELERATED PARTICLE AND HIGH ENERGY RADIATION SENSOR

for which I (we) have executed on even date a Declaration for an application for patent protection in the United States

WHEREAS, COUNCIL FOR THE CENTRAL LABORATORY OF THE RESEARCH COUNCILS, having an address at Daresbury Laboratory, Daresbury, Warrington, Cheshire WA4 4AD, United Kingdom, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said application for Letters Patent from the above-named inventors.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above application for Letters Patent, for the territory of the United States and its possessions and territories, and

in and to the above application for Letters Patent, including continuing and/or divisional applications therefor, and any and all United States Letters Patent which may be granted on said application(s) including reissues and reexaminations:

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PATENT REEL: 019405 FRAME: 0007 docket no. __1028-0204PUS1

said invention, application and Letters Patent to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and behoof, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Letters Patent hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

16/7/2004

DATE DATE

DATE

Hermela Tradelto

(60)

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PATENT

REEL: 019405 FRAME: 0009

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MATE/

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15/07/04 DATE	Villo- Zeuro i his
DATE	
DATE	

RECORDED: 11/08/2005