04-06-2001 FORM PTO-1619A and Madelmark Office () Expires 06/30/99 PATENT OMB 0651-0027 3.12.01 101656745 EET PATENTS ONLY Attorney Docket No. 084629000000US TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(les). Submission Type Conveyance Type ☑ New ☐ Security Agreement Resubmission (Non-Recordation) ☐ License ☐ Change of Name Document ID # Other ☐ Merger Correction of PTO Error Reel # Frame # U.S. Government (For Use ONLY by U.S. Government Agencies) Corrective Document Frame # ☐ Departmental File ☐ Secret File Reel # Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date Month Day Year 02 13 01 Name (line 1) Mazen Hermiz Hanna Name (line 2) **Execution Date** Second Party Year Month Day Name (line 1) Peter York 02 12 01 Name (line 2) Mark if additional names of receiving parties attached Receiving Party **Bradford Particle Design PLC** Name (line 1) If document to be recorded is an assignment and the Name (line 2) receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. Address (line 1) Listerhills Science Park, Unit 49 (Designation must be a separate document from Assignment.) Address (line 2) Campus Road BD7 1HR Address (line 3) Bradford UK State/Country Zip Code Domestic Representative Name and Address Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) FOR OFFICE USE ONLY 04/0**1**/2001 AAHMEDI 00000164 201430 09700441 Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent

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PATENT

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REEL: 011643 FRAME: 0714

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Kevin T. LeMond	· · · · · · · · · · · · · · · · · · ·	Le vo	March 8, 2001
Name of Person Signing Signature Date			

PATENT REEL: 011643 FRAME: 0715

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Mazen Hermiz Hanna of 6 Woodland Grove, Heaton, Bradford BD9 6PQ, United Kingdom, and Peter York of 47 Parish Ghyll Drive, Ilkley, West Yorkshire LS29 9PR, United Kingdom, hereinafter referred to as "Assignors", are the inventors of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: METHODS AND APPARATUS FOR PARTICLE FORMATION

Date(s) of execution: February 13, 2001

Filing date: Serial No.: 09/700,441; and

WHEREAS, **Bradford Particle Design PLC** of Listerhills Science Park, Unit 49, Campus Road, Bradford BD7 1HR, United Kingdom, hereinafter referred to as "Assignee", is desirous of acquiring Assignors' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all their right, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates

indicated.

Date: 13-2-01

Date: 12 2 01

RECORDED: 03/12/2001

Mazen Hermiz Hanna

Peter York

SF 1186489 v1

PATENT REEL: 011643 FRAME: 0716