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To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Stéphane BENAZET SNPE MATERIAUX ENERGETIQUES Guy JACOB 12 quai Henri IV 10-5-07 Paris 75004 **FRANCE** Additional name(s) & address(es) attached?
Yes
No Nature of conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Date: August 27, 2007 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: October 5, 2007 A. Patent Application No.(s) B. Patent No.(s) 11/918018 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: 1 document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Name: Douglas P. Mueller Enclosed Address: Hamre, Schumann, Mueller & Larson P.C. Authorized to be charged to Deposit Account 50-3478 P. O. Box 2902 8. Please charge any additional fees or credit any Minneapolis, MN 55402 overpayments to our Deposit account number: 50-3478 Statement and signature: DO NOT USE THIS SPACE
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Douglas P. Mueller October 5, 2007 Name of Person Signing Date Signature Do not detach this portion

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PATENT

REEL: 019980 FRAME: 0569

TT/918018 IAPOSREC'S PCT 05 OCT 2007

Docket No.

ASSIGNMENT OF PATENT APPLICATION

WHEREAS,

- 1. Stéphane **BENAZET** residing at 158 avenue Gabriel Péri, 91700 SAINTE GENEVIEVE DES BOIS, FRANCE and a citizen of FRANCE
- 2. Guy **JACOB** residing at 2 avenue du Maréchal Lyautey, 91710 VERT LE PETIT, FRANCE and a citizen of FRANCE

(hereinafter called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States for this invention which was filed on , entitled

PREPARATION OF AMMONIUM DINITROAMIDE (ADN) CRYSTALS, ADN CRYSTALS AND ENERGETIC COMPOSITES CONTAINING THEM

and which has been given application serial number

and

WHEREAS **SNPE MATERIAUX ENERGETIQUES** (hereinafter "ASSIGNEE") a corporation organized under the laws of FRANCE and having an office and place of business at 12 quai Henri IV, 75004 PARIS, FRANCE wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign, and transfer to the ASSIGNEE, its successors, legal representative and assigns, the entire right, title and interest for the United States in and to the invention disclosed in said application, and in and to said application, as well as to all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent for said invention to the ASSIGNEE of the entire right, title and interest in and to the same, in accordance with the terms of this instrument.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to the UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, it successors or assigns, the entire right, title and interest in and to the

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said invention, patent applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by the UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Signature Stéphane BENAZET

Signature

RECORDED: 10/05/2007

Guy JACOB

27.

Date

27/08/2007

Date

27 August 260)