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TO THE ASSISTANT COMMISSIC

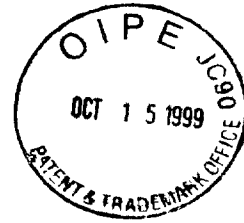
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

- 1. Charles S. Woodson
- 3. Ronald W. Humble
- 5.
- 7.

- 2. Robert H. Grubbs
- 4.
- 6.
- 8.

10/15/99



ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: Advanced Polymer Technologies, Inc.

ADDRESS: 2201 Forsythe Avenue
Monroe, Louisiana 71201

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

ASSIGNMENT OF WHOLE PART INTEREST

CHANGE OF NAME VERIFIED TRANSLATION
 SECURITY MERGER OTHER:

EXEC. DATE: (1) October 8, 1999
(2) September 10, 1999
(3) September 8, 1999

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH:

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
09/369,051	254126	Humble			

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Madison & Sutro LLP
Intellectual Property Group
1100 NEW YORK AVENUE, N.W.
NINTH FLOOR, EAST TOWER
WASHINGTON, D.C. 20005-3918

6. NUMBER INVOLVED:
APPLNS 1 + PATS _____ = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$40.00

5.5 ATTY DKT:

PMS 254126 ADPO-1510
MATTER NO. CLIENT REF.

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
UNDER ORDER NO 14516 0254126
dup. sheet not required CLIENT NO. MATTER NO.

9. STATEMENT AND SIGNATURE.

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.

Christine S. Ring
Signature

Attorney: Christine S. Ring
Reg. No. 42,106
Atty/Sec: CSR/jw

Date: October 14, 1999
FAX: (202) 822-0944

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 4

FILE WITH PTO RETURN RECEIPT (PAT-103A)

10/18/1999 0000060 0339051 40.00 00

PATENT

Please return signed/recorded to:

Pillsbury Madison & Sutro LLP
Intellectual Property Group
Ninth Floor, East Tower
1100 New York Avenue, N.W.
Washington, D.C. 20005-3918

USA Patent Appln.
Sole or Joint

For Inventions of USA Origin
executed with or after application

Atty. Dkt. PMS 254126 M# ADPO-1510
Client Ref.

NONPROVISIONAL

ASSIGNMENT
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) Charles S. Woodson	(2) Robert H. Grubbs
	(3) Ronald W. Humble	(4)
	(5)	<input type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT Advanced Polymer Technologies, Inc.
NAME(S) OF 2201 Forsythe Avenue
ASSIGNEE(S) Monroe, Louisiana 71201
& ADDRESS(ES)

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF INVENTION ROCKET FUELS BASED ON METAL HYDRIDES AND POLY-DCPD


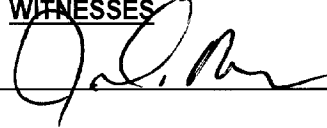
for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → → (A) even date herewith
(Complete (B) on _____
line A, B and/or C) (C) in U.S. Appln. No. 09/369,051 filed August 4, 1999

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Madison & Sutro LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1):		<u>10-8-99</u>	
Name:	<u>Charles S. Woodson</u>		
2):			
Name:	<u>Robert H. Grubbs</u>		
3):			
Name:	<u>Ronald W. Humble</u>		

Please return signed/recorded to:

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Intellectual Property Group
Ninth Floor, East Tower
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INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	Advanced Polymer Technologies, Inc. 2201 Forsythe Avenue Monroe, Louisiana 71201
--	--

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF INVENTION: ROCKET FUELS BASED ON METAL HYDRIDES AND POLY-DCPD

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INVENTORS	DATE SIGNED	WITNESSES
1): Name: Charles S. Woodson		
2): Name: Robert H. Grubbs	Sept 10, 1999	Hinda Clark
3): Name: Ronald W. Humble		

Please return signed/recorded to:

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TITLE OF INVENTION: **ROCKET FUELS BASED ON METAL HYDRIDES AND POLY-DCPD**

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INVENTORS	DATE SIGNED	WITNESSES
1): Name: Charles S. Woodson		
2): Name: Robert H. Grubbs		
3): Name: Ronald W. Humble	8 Sep 99	Judy Humble