

RECORDATION FORM COVER SHEET
PATENT APPLICATIONS & PATENTS ONLY

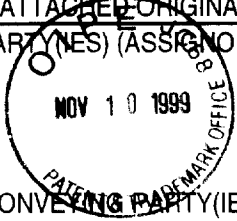
MRD 11-10-99

TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS:
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

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

- 1. Kenneth P. WILSON
- 3. Allan P. THOMPSON
- 5.
- 7.

- 2. John K. SHIGLEY
- 4.
- 6.
- 8.



11-17-1999



101202097

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

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

NAME: CORDANT TECHNOLOGIES INC.

ADDRESS: 15 West Temple, Suite 1600, Salt Lake City, Utah 84101-1532

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 ACCURATE TRANSLATION
- SECURITY MERGER OTHER:

EXEC. DATE: October 12, 1999

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) November 2, 1999

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
09/377.186	PM 244874				

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 <u>1</u> + PATS <u>0</u> = TOTAL <u>1</u>
	7. AMOUNT OF FEE ENCLOSED: (Code 581) ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT: PMS 244874	99-06SE	8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
MATTER NO.	CLIENT REF.	UNDER ORDER NO. 8496 244874
		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.

Signature

Attorney: Kendrew H. Colton

Reg. No. 30368

Atty/Sec: KHC/dlc

TEL: (202) 861-3606

Date: November 10, 1999

FAX: (202) 822-0944

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

3

FILE WITH PTO RETURN RECEIPT (PAT-103A)

11/12/1999 CVORACHA 00000118 09377186

03 FC:581

40.00 0P

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

Atty. Dkt.	PM 244874	99-06-SE
	M#	Client Ref.

ASSIGNMENT
of U.S. Origin Patent Application

WHEREAS, the undersigned, to wit:

- 1) Kenneth P. WILSON
- 2) John K. SHIGLEY
- 3) Allan P. THOMPSON
- 4) _____

(hereinafter collectively ASSIGNOR), has/have made an invention known as Dkt. PM-244874

and entitled: ROCKET ASSEMBLY ABLATIVE MATERIALS FORMED FROM, AS A PRECURSOR, STAPLE CELLULOSIC FIBERS, AND METHOD OF INSULATING OR THERMALLY PROTECTING A ROCKET ASSEMBLY WITH THE SAME

for which an application for Letters Patent of the United States

- was executed even date herewith and is about to be filed in the United States Patent and Trademark Office;
 was filed on August 19, 1999, Appln. No. 09/377,186 ;

AND WHEREAS CORDANT TECHNOLOGIES INC.

(hereinafter ASSIGNEE), duly organized and existing under the laws of the State of Delaware
and having its principal office and place of business at 15 West Temple, Suite 1600, Salt Lake City, Utah
84101-1532

desires to acquire an interest therein;


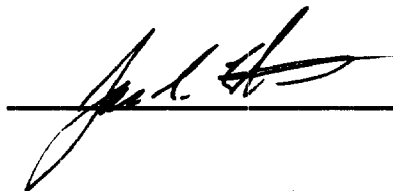
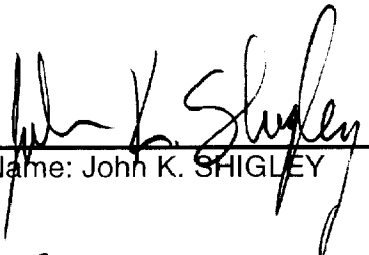
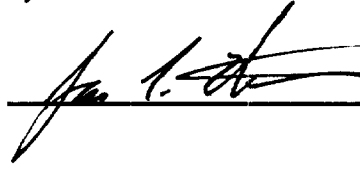

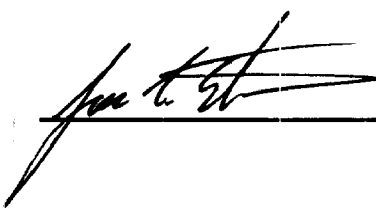
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

NOTE: The undersigned hereby authorizes Pillsbury Madison & Sutro LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

Executed on the date(s) below indicated.

<u>Signature</u>	<u>Date Signed</u>	<u>Witness</u>
1) <u></u> Name: Kenneth P. WILSON	<u>10/12/99</u>	<u></u>
2) <u></u> Name: John K. SHIGLEY	<u>10/12/99</u>	<u></u>
3) <u></u> Name: Allan P. THOMPSON	<u>10/12/99</u>	<u></u>
4) _____ Name: _____	_____	_____

Notorized By: 

on October 12, 1999.

