

BOX ASSIGNMENTS

06-11-1998

DO NOT USE FOR TRADEMARKS

MRD 5-29-98

ET
ONLY

TO THE HONORABLE COMMISSIONER

SIR: PLEASE RECORD THE ATTACHED DOCUMENT 100732469

HEREOF.

JCS26 U.S. PTO
09/08672

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

1. CROOK, Russell A.

2. WARDLE, Robert B.

3.

4.

5.

6.

7.

8.

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

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

NAME: THIOKOL CORPORATION

ADDRESS: 2475 Washington Boulevard, Ogden, Utah 84401

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

EXEC. DATE: April 12, 1996

☐ CHANGE OF NAME☐ VERIFIES TRANSLATION☐ SECURITY☐ MERGER☐ OTHER:

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) April 12, 1996

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

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

Cushman Darby & Cushman
Intellectual Property Group of
Pillsbury Madison & Sutro LLP
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.

5.5 ATTY DKT:

254652

95-33-SE-CIP

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

UNDER ORDER NO

8496

254652

MATTER NO.

CLIENT REF.

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

Date: MAY 29, 1998

Atty/Sec: KHC/sdm

TEL: (202) 861-3606

FAX: (202) 822-0944

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)	4
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FILE WITH PTO RETURN RECEIPT (CDC-103A)

CDC-114X 11/1996

PATENT
REEL: 9223 FRAME: 0769

ASSIGNMENT

Docket No.: 1090.2.236a

We, Russell A. Crook and Robert B. Wardle, of 1129 East 5100 South, South Ogden, Utah 84403 and 1630 North 1770 East, Logan, Utah 84321, respectively, have invented a method and apparatus entitled ADHESION PROMOTERS AND METHODS OF THEIR SYNTHESIS AND USE, which application is a continuation-in-part of United States Patent Application of Crook, et al., Serial No. 08/327,305, filed October 21, 1994 and entitled "Method of Surface Preparation of Aluminum Substrates;" United States Patent Application of Crook, et al., Serial No. 08/550,957, filed October 31, 1995 and entitled "Method of Surface Treatment of Titanium Substrates;" and United States Provisional Patent Application of Crook, et al., Serial No. 60/011,884, filed February 20, 1996, and entitled "Method of Surface Preparation of Metal Substrates and For Synthesis of Adhesive Promoters;" hereinafter called the "invention."

Preferred embodiments of said invention are disclosed in a United States patent application executed concurrently herewith by us and now identified as File No. 1090.2.236a of the law firm of Madson & Metcalf, 950 First Interstate Plaza, 170 South Main Street, Salt Lake City, Utah 84101, and filed in the United States Patent and Trademark Office as Serial No. _____ on _____. (We hereby authorize the attorneys of Madson & Metcalf to insert said serial number and filing date when known.)

The Assignee, Thiokol Corporation, a corporation of the State of Delaware, having a principal place of business at 2475 Washington Boulevard, Ogden, Utah 84401, desires to secure the entire right, title and interest in said invention.

In consideration of \$1.00 and other good and valuable consideration paid to us by the Assignee, the receipt and sufficiency of which we hereby acknowledge, ~~WE HEREBY~~ WE HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said invention, in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by

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their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.



Russell A. Crook
1129 East 5100 South
South Ogden, Utah 84403

STATE OF Utah)

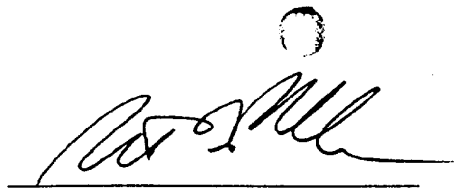
COUNTY OF Box Elder) §

On this 12th day of April, 1996, personally appeared before me Russell A. Crook, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

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 NOTARY PUBLIC
October 16, 1996 COMMISSION EXPIRATION

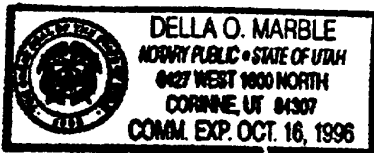


Robert B. Wardle
1630 North 1770 East
Logan, Utah 84321

STATE OF Utah)
COUNTY OF Box Elder) §

On this 12th day of April, 1996, personally appeared before me Robert B. Wardle, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

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Della O. Marble NOTARY PUBLIC
Oct 16, 1996 COMMISSION EXPIRATION

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