

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Bruce Allan Cook	10/07/2004
Alan Mark Russell	10/01/2004
Joel Lee Harringa	10/07/2004
S. Bulent Biner	10/08/2004
Iver Anderson	10/07/2004

RECEIVING PARTY DATA

Name:	Iowa State University Research Foundation, Inc.
Street Address:	310 Lab of Mechanics
City:	Ames
State/Country:	IOWA
Postal Code:	50011-2131

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10871933

CORRESPONDENCE DATA

Fax Number: (515)288-1338

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 515-288-3667

Email: patatty@ipmvs.com

Correspondent Name: McKee, Voorhees & Sease, PLC

Address Line 1: 801 Grand Avenue

Address Line 2: Suite 3200

Address Line 4: Des Moines, IOWA 50309-2721

NAME OF SUBMITTER:

Edmund J. Sease

Total Attachments: 6

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PATENT
REEL: 015241 FRAME: 0338

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ASSIGNMENT

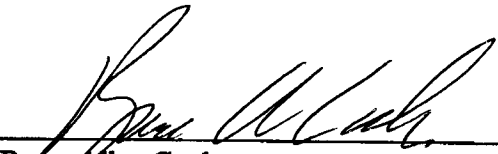
In consideration of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to **IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.** an Iowa corporation, having an address of 310 Lab of Mechanics, Ames, Iowa 50011-2131 its successors and assigns the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, Serial No. 10/871,933, filed in the United States Patent and Trademark Office on the 18TH day of June, 2004, entitled **ULTRA-HARD BORIDE-BASED METAL MATRIX REINFORCEMENT**, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent, applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Iowa State University Research Foundation. INC.

For said considerations the undersigned hereby agree, upon the request, and at the expense of said assignee, its successors and assigns, to execute any and all divisional continuation and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and for the said considerations the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent of the United States and vest all rights therein hereby conveying in the said assignee, its successors and assigns whereby said Letters Patent will

be held and enjoyed by the said assignee, its successors and assigns to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

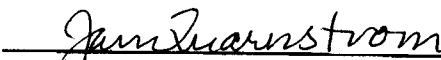
And for said considerations the undersigned hereby assign to said assignee, its successors and assigns, the entire right, title and interest in said invention or improvements for any and all foreign countries and agree upon the request of assignee, its successors and assigns to execute any and all documents that undersigned shall be requested to execute in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to vest title in said foreign applications and patents in assignee.


Bruce Allan Cook

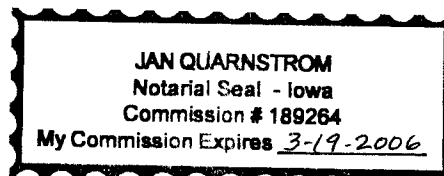
STATE OF IOWA)
) ss.
COUNTY OF Story)

On this 7th day of October, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared Bruce Allan Cook to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.


Notary Public

Commission Expires March 19, 2006

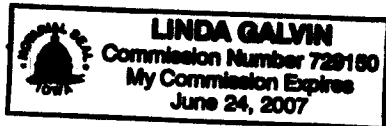


Alan Mark Russell
Alan Mark Russell

STATE OF IOWA)
) ss.
COUNTY OF Story)

On this 1ST day of October, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared Alan Mark Russell to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.



Linda Galvin
Notary Public

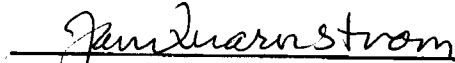
Commission Expires June 24, 2007


Joel Lee Harringa

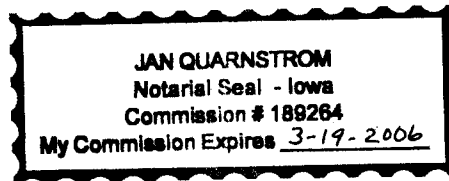
STATE OF IOWA)
) ss.
COUNTY OF Story)

On this 7th day of October, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared Joel Lee Harringa to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.


Notary Public

Commission Expires March 19, 2006



S. Bulent Biner

S. Bulent Biner

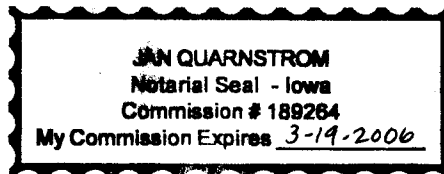
STATE OF IOWA)
) ss.
COUNTY OF Story)

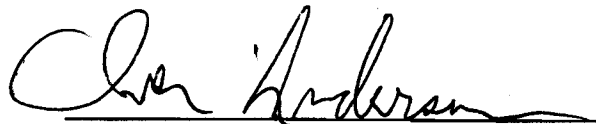
On this 8th day of October, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared S. Bulent Biner to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

Jan Quarnstrom
Notary Public

Commission Expires March 19, 2006






Iver Anderson

STATE OF IOWA)
) ss.
COUNTY OF Story)

On this 7th day of October, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared Iver Anderson to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.


Notary Public

Commission Expires March 19, 2006

