

05-31-2000

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May 22, 2000

The Commissioner of Patents
Washington, D.C. 20230
Attention: Assignment Branch

Atty. Ref.: Howmet MP-243

Please record the attached original document or copy thereof.

Name of Conveying Party(ies):

- (1) Ken Ervin FOSAAEN
- (2) Travis Lee YATES
- (3) Robert Eugene MEASLEY

5-26-00

Name and Address of Receiving Party(ies):

Howmet Research Corporation
1500 S. Warner Road
Whitehall, Michigan 49461-1895

Nature of Conveyance:

- Assignment Security Agreement Merger License
- Change of Name Other:

Execution Date(s) of Document: April 25, 2000

If this document is being filed together with a new application, the execution date of the application is: -

Patent Application Numbers:
09/504,755

Patent Numbers:
-

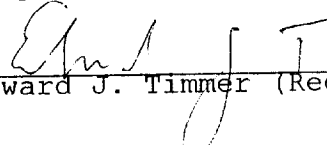
Total Number of Applications and Patents Involved: 1. An enclosed check includes the recording fee of \$40.00.

Mail correspondence concerning the document to:

Mr. Edward J. Timmer
Walnut Woods Centre
5955 W. Main Street
Kalamazoo, MI 49009

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.

Respectfully submitted,


Edward J. Timmer (Reg.No. 27 402)

Walnut Woods Centre
5955 W. Main Street
Kalamazoo, MI 49009

Encl: Assignment
Check

Total number of pages, including cover sheet, attachments, and documents 2

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ASSIGNMENT

WHEREAS, we (1) Ken Ervin FOSAAEN, (2) Travis Lee YATES, and (3) Robert Eugene MEASLEY, hereinafter called "ASSIGNORS", residing at (1) 2533 Kidwell Church Road, Morristown, Tennessee 37814, (2) 304 Algonquin Drive, Morristown, Tennessee 37813, and (3) 6077 Woodcrest Drive, Morristown, Tennessee 37814 have invented certain new and useful improvements in METHOD AND APPARATUS FOR MAKING CERAMIC CORES AND OTHER ARTICLES for which application Serial No. 09/504,755 for United States Letters Patent was filed on February 16, 2000; and

WHEREAS, Howmet Research Corporation, hereinafter called "ASSIGNEE", having a place of business at 1500 S. Warner Road, Whitehall, Michigan, 49461-1895 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, the receipt whereof is hereby acknowledged, and other valuable consideration, we the ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE the full and exclusive right to said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns.

FURTHER, we agree that we will communicate to said ASSIGNEE or its representative any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths or declarations, and generally cooperate with said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN WITNESS WHEREOF, we have hereunto set our hands this 25 day of April, 2000.

Signed in the presence of:

Sammy Hull
[Signature]
[Signature]

Signed: [Signature]
Ken Ervin FOSAAEN
Signed: [Signature]
Travis Lee YATES
Signed: [Signature]
Robert Eugene MEASLEY

STATE OF TN)
) ss.
COUNTY OF Warner)

On this 25 day of April, 2000 personally appeared before me the above-named Ken Ervin FOSAAEN, Travis Lee YATES, and Robert Eugene MEASLEY to me known and known to me to be the persons described in and who executed the foregoing instrument and acknowledged the same to be their free act and deed in and for the purposes set forth in said instrument.

[Signature]
Notary Public
3/24/01
My Commission expires

SEAL