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MRD 11-4-99

Box Assignment  
The Commissioner of Patents and Trademarks Nov. 1, 1999  
Washington, D.C. 20231 Atty. Ref.: Howmet 402

Please record the attached original document or copy thereof.

Name of Conveying Party:

Neil E. Paton

11-08-1999

Name and Address of Receiving Party(ies):

Howmet Research Corporation  
1500 Warner Road  
Whitehall, Michigan 49461



101193937

Nature of Conveyance:

☒ Assignment ☐ Security Agreement ☐ Merger ☐ License  
☐ Change of Name ☐ Other:

Execution Date of Document: April 8, 1999

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

Patent Application Number:

Patent Numbers:

08/810 001

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

Mail correspondence concerning  
the document to:

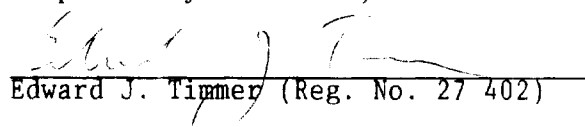
Mr. Edward J. Timmer  
Walnut Woods Centre  
5955 W. Main Street  
Kalamazoo, MI 49009

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.

The Commissioner is authorized to charge any additional fee, or credit any overpayment, to my deposit account No. 20-1124.

Respectfully submitted,

IN DUPLICATE

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

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Encl: Assignment  
Check  
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Total number of pages, including cover  
sheet (1), and assignment (2), total = 3  
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# ASSIGNMENT

WHEREAS, I, Neil E. Paton, together with Kenneth S. Murphy and David R. Clarke, hereinafter called "ASSIGNORS", have invented certain new and useful improvements in THERMAL BARRIER COATING STRESS MEASUREMENT for which an application Serial No. 08/810 001 for United States Letters Patent was filed on March 3, 1997; and

WHEREAS, Howmet Research Corporation, hereinafter called "ASSIGNEE", having a place of business at 1500 Warner Road, Whitehall Michigan, 49461, 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 me in hand paid, the receipt whereof is hereby acknowledged, and other valuable consideration, I, one of 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.

I 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 benefit of said ASSIGNEE, its successors and assigns.

FURTHER, I agree that I will communicate to said ASSIGNEE or its representative any facts known to me 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, I have hereunto set my hand this \_\_\_\_\_ day of April 8, 1999.

Signed in the presence of:

*J. McDermott*

Signed: *Neil E. Paton*

Neil E. Paton

STATE OF MICHIGAN     )  
                              )ss.  
COUNTY OF MUSKEGON    )

On this 8<sup>th</sup> day of April, 1999 personally appeared before me the  
above-named Neil E. Paton, to me known and known to me to be the person  
described in and who executed the foregoing instrument and acknowledged the  
same to be his free act and deed in and for the purposes set forth in said  
instrument.

*F. Moonean Brumm*  
Notary Public

SEAL

10-01-2000  
My Commission expires

**F. MOONEAN BRUMM  
NOTARY PUBLIC MUSKEGON COUNTY, MI  
MY COMMISSION EXPIRES OCTOBER 1, 2000**