



02-10-2003



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January 27, 2003

Atty. Ref.: MP-349

2503

Please record the attached original document or copy thereof.

Name of Conveying Party(ies): Leonard L. ERVIN

Name and Address of Receiving Party(ies):
HOWMET RESEARCH CORPORATION
1500 S. Warner St.
Whitehall, MI 49461

Nature of Conveyance:

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

Execution Date of Document: January 7, 2003

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

Patent Application Numbers:
10/285 344

Patent Numbers:
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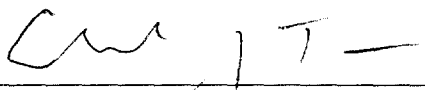
Total Number of Applications and Patents Involved: 1. An enclosed check includes the recording fee of \$40.00. The Commissioner is hereby authorized to credit any overpayment, or to charge any additional recording fee required by this paper, to Deposit Account No. 20-1124.

Mail correspondence concerning
The documents to:

Walnut Woods Centre
5955 W. Main St.
Kalamazoo, MI 49009
Tel: (616) 353-8807
Fax: (616) 372-3217

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

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5955 W. Main St.
Kalamazoo, MI 49009
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Fax: (616) 372-3217

Encl: Assignment
Check
Postal Card

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

A S S I G N M E N T

WHEREAS, I (1) Leonard L. ERVIN hereinafter called "ASSIGNOR", residing at (1) 7750 North Carefree Drive, Whitehall, Michigan 49461 has invented certain new and useful improvements in DIE CASTING for which application Serial No. 10/285 344 for United States Letters Patent was filed on October 30, 2002; and

WHEREAS, HOWMET RESEARCH CORPORATION hereinafter called "ASSIGNEE", a corporation of the State of Delaware having a place of business at 1500 S. Warner St., 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 the ASSIGNOR has 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 behoof 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 7 day of JANUARY, 2003.

Signed in the presence of:

[Signature]

Signed: [Signature]
Leonard L. ERVIN

STATE OF MICHIGAN)
) ss.
COUNTY OF MUSKEGON)

On this 7 day of JANUARY, 2003 personally appeared before me the above-named Leonard L. ERVIN, 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.

[Signature]
Notary Public

SEAL

10-01-05
F. MOONEAN BRUMM
My Commission expires
NOTARY PUBLIC MUSKEGON COUNTY, MI
MY COMMISSION EXPIRES OCTOBER 1, 2005