

ASSIGNMENT

WHEREAS, I, Gregory N. COLVIN, hereinafter called "ASSIGNOR", have invented certain new and useful improvements in VACUUM DIE CASTING OF AMORPHOUS ALLOYS for which an application for United States Letters Patent was filed on January 23, 1998 and received U.S. Serial No. 09/012 347; and

WHEREAS, HOWMET RESEARCH CORPORATION, hereinafter called "ASSIGNEE", a corporation of the State of Delaware, having a place of business at 1500 Warner Street, 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 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 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 29 day of MAY, 1998.

Signed in the presence of:

F. MOONEAN BRUMM

Signed: Gregory N. Colvin
Gregory N. Colvin

STATE OF MICHIGAN)
COUNTY OF MUSKEGON) ss.

On this 29 day of MAY, 1998 personally appeared before me the above-named Gregory N. Colvin, 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