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Resubmission (Non-Recordation)
Document ID #

Correction of PTO Error
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Conveyance Type

Assignment License

Security Agreement Nunc Pro Tunc Assignment

Merger Change of Name

Other

Effective Date
Month Day Year
 Dec. 18 1992

Conveying Party

Mark if additional names of conveying parties attached

Name Vesuvius Crucible Company

Execution Date
Month Day Year
 Dec. 18 92

Formerly

Individual General Partnership Limited Partnership Corporation Association

Other

Citizenship/State of Incorporation/Organization Pennsylvania, Corporation

Receiving Party

Mark if additional names of receiving parties attached

Name Vesuvius Crucible Company

DBA/AKA/TA

Composed of

Address (line 1) 103 Foulk Road, Suite 200

Address (line 2)

Address (line 3) Wilmington Delaware 19803

City State/Country Zip Code

Individual General Partnership Limited Partnership Association

Corporation Association

Other

Citizenship/State of Incorporation/Organization Delaware, Corporation

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

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01 FC:481 40.00 CH

02 FC:482 200.00 CH

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Trademark Application Number(s) or Registration Number(s)

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Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

Trademark Application Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>
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Registration Number(s)

<input type="text" value="0552669"/>	<input type="text" value="1842382"/>	<input type="text" value="0968150"/>
<input type="text" value="1851095"/>	<input type="text" value="1834638"/>	<input type="text" value="0929159"/>
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Number of Properties

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Fee Amount for Properties Listed (37 CFR 3.41):

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Method of Payment:

Enclosed

Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

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No

Statement and Signature

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. Charges to deposit account are authorized, as indicated herein.

Donald M. Satina

Name of Person Signing

Donald M. Satina

Signature

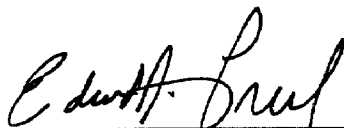
Sept. 1, 1999

Date Signed

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"VESUVIUS CRUCIBLE COMPANY", A PENNSYLVANIA CORPORATION, WITH AND INTO "VESUVIUS CRUCIBLE COMPANY" UNDER THE NAME OF "VESUVIUS CRUCIBLE COMPANY", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-EIGHTH DAY OF DECEMBER, A.D. 1992, AT 9 O'CLOCK A.M.





Edward J. Freel, Secretary of State

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AUTHENTICATION: 9939084

DATE: 08-25-99

TRADEMARK
REEL: 001956 FRAME: 0642

CERTIFICATE OF OWNERSHIP AND MERGER

MERGING

VESUVIUS CRUCIBLE COMPANY
(a Pennsylvania corporation)

INTO

VESUVIUS CRUCIBLE COMPANY
(a Delaware corporation)

Vesuvius Crucible Company, a corporation organized and existing under the laws of the State of Delaware, ("Vesuvius Delaware") DOES HEREBY CERTIFY:

FIRST: That Vesuvius Delaware was incorporated on August 26, 1986 pursuant to the General Corporation Law of the State of Delaware.

SECOND: That Vesuvius Delaware owns all of the outstanding shares of the stock of Vesuvius Crucible Company, a corporation incorporated pursuant to the Business Corporation Law of the Commonwealth of Pennsylvania ("Vesuvius Pennsylvania").

THIRD: That Vesuvius Delaware, by the following resolutions of its Board of Directors, duly adopted by the unanimous written consent of its members, dated December 18, 1992 and filed with the minutes of the Board, determined to and did merge into itself said Vesuvius Pennsylvania:

RESOLVED, that Vesuvius Delaware merge, and it hereby does merge into itself said Vesuvius Pennsylvania, and assumes all of its obligations; and

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FURTHER RESOLVED, that the merger shall be effective at 12:01 E.S.T. on January 1, 1993; and

FURTHER RESOLVED, that the proper officers of Vesuvius Delaware be, and they hereby are, directed to make and execute a Certificate of Ownership and Merger setting forth a copy of the resolutions to merge said Vesuvius Pennsylvania and assume its liabilities and obligations, and the date of adoption thereof, and to cause the same to be filed with the Secretary of State of the State of Delaware and a certified copy recorded in the office of the Recorder of Deeds of New Castle County and to do all acts and things whatsoever, whether within or without the State of Delaware, which may be in anywise necessary or proper to effect said merger.

FOURTH: Anything herein or elsewhere to the contrary notwithstanding, this merger may be amended or terminated and abandoned by the Board of Directors of Vesuvius Delaware at any time prior to the date of filing the merger with the Secretary of State.

IN WITNESS WHEREOF, said Vesuvius Delaware has caused this Certificate to be signed by Del E. Goedecker, its Vice President, and attested by Robert E. Delaney, its Assistant Secretary, this 18th day of December, 1992.

VESUVIUS CRUCIBLE COMPANY

ATTEST:

By:

Robert E. Delaney
Robert E. Delaney

By:

Del E. Goedecker
Del E. Goedecker

Title: Assistant Secretary

Title: Vice President

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