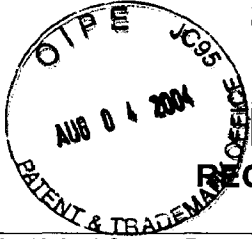


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Name (line 1) FRIEDRICH, Michael Execution Date 5/10/2004

Name (line 2) _____ Execution Date _____

Second Party

Name (line 1) D'ARRIGO, Robert Execution Date 5/10/2004

Name (line 2) _____ Execution Date _____

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Name (line 1) KVAERNER U.S. Inc. 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 is attached. (Designation must be a separate document from Assignment.)

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Area Code and Telephone Number

609-919-4435

Name **Won Joon Kouh, Esq.**

Address (line 1) **Duane Morris LLP**

Address (line 2) **100 College Road West, Suite 100**

Address (line 3) **Princeton, NJ 08540**

Address (line 4)

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10/818,440						

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1

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Won Joon Kouh

Name of Person Signing



Signature

8/2/2004

Date

ASSIGNMENT AND AGREEMENT

For value received, we, **Michael Friedrich and Robert D'Arrigo**, hereby sell, assign and transfer to **Kvaerner U.S., Inc.** with its principal place of business located at 1200 Penn Ave., Pittsburgh, PA 15222, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **PREHEATING COLD BLAST AIR OF A BLAST FURNACE FOR TEMPERING THE HOT BLAST TEMPERATURE** described in an application for Letters Patent of the United States, filed on April 5, 2004 as Application Serial No. 10/818,440 and executed on even date herewith, and all the rights and privileges in said application and under any and all Letters Patent and any divisions, continuations, continuations-in-part, reexamination certificates, reissues, and extensions thereof that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Kvaerner U.S., Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Kvaerner U.S., Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Kvaerner U.S., Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Kvaerner U.S., Inc. in the United States and in all countries foreign to the United States, or to such nominees as Kvaerner U.S., Inc. may designate.

We agree that, when requested, we shall, without charge to Kvaerner U.S., Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Inventor 1:

Dated: May 10, 2004 Michael Friedrich
Michael Friedrich

Residence: 579 Crystal Drive, Pittsburgh, PA 15228

This ~~10th~~ day of May, 2004, before me personally came the above-named _____, known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Witness my hand and Notarial seal the day and year immediately above-written.

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Patricia A. Surmacz, Notary Public
City of Pittsburgh, Allegheny County
My Commission Expires June 20, 2007
Member, Pennsylvania Association of Notaries

Patricia A. Surmacz
Notary Public

Inventor 2:

Dated: 5/10/04 Robert D'Arrigo
Robert D'Arrigo

Residence: 720 Augusta Drive, Bridgeville, PA 15017

This ~~10th~~ day of May, 2004, before me personally came the above-named _____, known as the individual who executed the foregoing Assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Witness my hand and Notarial seal the day and year immediately above-written.

COMMONWEALTH OF PENNSYLVANIA
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My Commission Expires June 20, 2007
Member, Pennsylvania Association of Notaries

Patricia A. Surmacz
Notary Public