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U.S. Department of Commerce  
Patent and Trademark Office

02-11-2003

10-22-02



To the Honorable Commissioner of Patents and

102361220

all documents or copy thereof.

## 1. Name of Conveying Party:

- 1) Giang Kien LY  
2) Robert SCHMELER

☐ Additional names of conveying parties attached.

## 3. Nature of Conveyance

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

Execution Date: 1) June 25, 2002  
2) June 25, 2002

## 2. Name and Address of Receiving Party(ies):

Name: PAUL WURTH S.A.

Street Address: 32, rue d'Alsace

City, State, Zip: L-1122 Luxembourg  
GRAND DUCHY OF LUXEMBOURG

☐ Additional name(s) and address(es) attached.

## 4. (A) Patent Application Number(s):

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

1) June 25, 2002 2) June 25, 2002

☐ Additional Numbers Attached.

## 4. (B) Patent Number(s):

10258240

5. Name and Address of Party to whom Correspondence  
Concerning this Document Should be Mailed:

Name: Gary M. Nath

Address: NATH & ASSOCIATES PLLC  
1030 15<sup>th</sup> Street, N.W. - 6<sup>th</sup> Floor  
Washington, D.C. 20005

## 6. Total Number of Applications and Patents Involved:

1

## 7. Total Fee:

(37 CFR 3.41)

\$ 40.00

☒ Enclosed.☐ Authorized to be charged to deposit account.

## 8. Deposit Account Number:

14-0112

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## 9. Statement and Signature:

**To the best of my knowledge and belief, the foregoing is true and correct and any attached  
copy is a true copy of the original document.**

Name of Person Signing

Gary M. Nath, Reg. No. 26,965

October 22, 2002  
Date

Attorney Docket No.: 25185

Customer No. 20529

Total number of pages comprising cover sheet: 1

PATENT

REEL: 013734 FRAME: 0563

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PATENT  
Attorney Docket No.: 25185**ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION given to **Giang Kien LY and Robert SCHMELER**, hereinafter referred to as the ASSIGNOR(S), who has/have invented certain new and useful **COOLING SYSTEM FOR A METALLURGICAL FURNACE**, hereinafter referred to as the invention, for which I/we has/have executed an application for Letters Patent to be filed in the United States Patent and Trademark Office.

WHEREAS, **PAUL WURTH S.A.**, a corporation organized and existing under the laws of the country/state of **LUXEMBOURG**, whose post office address/business address is **32, rue d'Alsace, L-1122 LUXEMBOURG, GRAND DUCHY OF LUXEMBOURG**, hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, WITNESSETH THIS that for and in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, said ASSIGNOR(S) hereby assign(s), sell(s) and transfer(s) to said ASSIGNEE, its assigns and legal representatives, the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as said ASSIGNOR(S) might or could have held and enjoyed the same had this assignment not been made.

**ASSIGNMENT**

ALSO, said ASSIGNOR(S) hereby agree(s) to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon.

AND said ASSIGNOR(S) authorize(s) and request(s) the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

By: Giang Kien LY  25.06.02  
Inventor's Name: \_\_\_\_\_ Date \_\_\_\_\_  
(first or sole inventor)

By: Robert SCHMELER  25.06.02  
Inventor's Name: \_\_\_\_\_ Date \_\_\_\_\_  
(second inventor)