



Tab settings ⇌ ⇌ ⇌ ▼ ▼

102708883 ▼ ▼

*Resubm*

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Emile Lonardi  
Jean-Jacques Venturini  
Giovanni Cimenti  
Guy Thillen*3/26/04*Additional name of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies)

Name: Paul Wurth S.A.

Internal Address: \_\_\_\_\_

Zone 32, rue d'AlsaceStreet Address: L-1122 LuxembourgGrand Duchy of Luxembourg

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

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

To record the correct spelling of inventor's name

Execution Date: March 5, 2003; March 7, 2003;  
March 10, 2003

## 4. Application number(s) or patent number(s):

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

A. Patent Application No.(s)

09/554,425

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Smith, Gambrell & Russell

Internal Address: \_\_\_\_\_

Street Address: 1850 M Street NWCity: Washington State: DC Zip: 200366. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) . . . . . \$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

02-4300

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. 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.

Dennis C. Rodgers

Name of Person Signing

  
SignatureApril 1, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

10-20-2000

ET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



101491812

Tab settings == == ▾ ▾

To the Honorable Commissioner of Patents

attached original documents or copy thereof.

1. Name of conveying party(ies):

Emile Londardi

Guy Thillen

Jean-Jacques Venturini

Additional name(s) of conveying party(ies) attached?

☒ Yes ☐ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: August 21, 2000

2. Name and address of receiving party(ies):

Name: Paul Wurth, S.A.

Internal Address: Zone 32, rue d'Alsace

SEP 29

Street Address: L-1122 Luxembourg

Grand Duchy of Luxembourg

City: State: ZIP:

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s)

09/554,425

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Charles N. Quinn

Internal Address: Centre Square West

Street Address: 1500 Market Street, 38th Floor

City: Philadelphia State: PA ZIP: 19102-2186

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:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. 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.

Charles N. Quinn

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

10/19/2000 NTHA11 00000344 09554425

01 FC:581

40.00 DP

(Form PTO-1595-Recordation Form Cover Sheet - page 1 of 3)

PATENT  
REEL: 015161 FRAME: 0420

## PATENTS ONLY

Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)

## 1. Name of conveying party(ies):

Giovanni Cimenti

Additional name(s) of conveying party(ies) attached?

Yes

☐

No

☒

## 2. Name and address of receiving party(ies):

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

ZIP: \_\_\_\_\_

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

ZIP: \_\_\_\_\_

Additional name(s) &amp; address(es) attached?

Yes

☐

No

☒

## 4. Application number(s) or patent number(s):

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

A. Patent Application No.(s)

---

---

---

---

---

B. Patent No.(s)

---

---

---

---

---

Additional numbers attached?

Yes

☐

No

☒

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Lonardi

Inventors : ~~Emile Lonardi~~, Guy Thillen  
Jean-Jacques Venturini  
Giovanni Cimenti

Serial No. : 09/554425

Filed : 12 May 2000

Title : METHOD FOR COOLING A SHAFT  
FURNACE LOADING DEVICE

-----  
Saul, Ewing, Kermick & Saul, LLP  
Centre Square West  
1300 Market Street, 38<sup>th</sup> Fl.  
Philadelphia, PA 19102-2186  
(215) 972-1965 (telephone)  
(215) 9721830 (facsimile)  
File: 013424.00015

(X)  
Stu  
05-03-03  
GR  
7.3.3  
JVi  
10.3.03  
phi  
07-3-03

ASSIGNMENT

We, Emile Lonardi, Guy Thillen, Jean-Jacques Venturini and Giovanni Cimenti, the undersigned, are the inventors of an invention for which a United States patent is sought pursuant to a United States patent application having the title indicated above.

Paul Wurth S.A., a corporation formed under the laws of the Grand Duchy of Luxembourg, having a principal place of business at and a mailing address of Zone, 32, rue d'Alsace, L-1122 Luxembourg, Grand Duchy of Luxembourg (hereinafter referred to as "Paul, Wurth S.A.") is desirous of acquiring the entire right, title and interest in and to such invention, all patent applications relating thereto including the above-referenced United States

(X)  
Stu  
05-03-03  
GR  
7.3.3  
JVi  
10.3.03  
phi  
07-3-03

patent application, and all letters patent issuing for the invention anywhere in the world.

In consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, we the undersigned <sup>Lonardi</sup> Emile ~~Lonardi~~, Guy Thillen, Jean-Jacques Venturini and Giovanni Cimenti, intending to be legally bound, do hereby sell, assign and transfer to Paul Wurth S.A. the entire right, title and interest for the United States of America, including, its territories and possessions, in and to the invention and all patent applications therefor, including the patent application referenced above, all divisions, continuations, reissues and re-examination of such patent applications, all rights to claim priority, and all letters patent and reissues thereof for the invention in the United States of America and in all foreign countries.

☑  
*Ali*  
 05-03-03  
*Ali*  
 7.3.3  
*Jvi*  
 10.3.03  
*Ali*  
 07-3-03

<sup>Lonardi</sup>  
 We, the undersigned Emile ~~Lonardi~~, Guy Thillen, Jean-Jacques Venturini and Giovanni Cimenti, acknowledges being legally bound to supply, upon request of Paul Wurth S.A. or its successors or assigns or a legal representative thereof, all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of the invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America in the name of Paul Wurth S.A., and to execute all instruments reasonably necessary to carry out the intent of this instrument of assignment.

☑  
*Ali*  
 05-03-03  
*Ali*  
 7.3.3  
*Jvi*  
 10.3.03  
*Ali*  
 07-3-03

The rights and property herein conveyed by the  
undersigned are free and clear of any encumbrance.

Leonardi

Emile Leonardini

*Emile Leonardini*  
(signature)

21-03-00  
(date)

30, rue de Schouweiler  
L-4945 Bascharage  
Luxembourg

LUXEMBOURG  
(citizenship)

Giovanni Cimenti

*Giovanni Cimenti*  
(signature)

17.08.2000  
(date)

23a, rue Victor Feyder  
L-5825 Fontange  
Luxembourg

LUXEMBOURG  
(citizenship)

Jean-Jacques Vesturini

*Jean-Jacques Vesturini*  
(signature)

16.08.2000  
(date)

74, rue de la Gare  
L-4571 Obercoem  
Luxembourg

LUXEMBOURG  
(citizenship)

Guy Thillen

*Guy Thillen*  
(signature)

10.8.00  
(date)

135, route de Gilsdorf  
L-9234 Diekirch  
Luxembourg

LUXEMBOURG  
(citizenship)

☒

*Thi*  
05-03-03

9/2

7.3.3

*Jvi*

10.3.03

*Thi*

07-3-03