

10-16-2003

COVER SHEET  
NLY

102576111

Attorney Docket Number: 81433-400

Mail Stop Assignments  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-145022389 U.S. PTO  
10/678169  
100603

10-6-03

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yoram Leon SHABTAY

Execution Date:

08/26/2003

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

OUTOKUMPU OYJ  
Riihitontuntie  
FIN-02200 ESPOO  
FINLANDAdditional names attached? ☐ Yes ☐ No

3. Nature of conveyance:

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

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

10678169

If this document is being filed together with a new application, the execution date of the application is:  
August 26, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Mail correspondence to:

WINSTON &amp; STRAWN LLP

Customer No. 28765

10/15/2003 ECOOPER 00000060 501814 10678169

01 FC:8021 40.00 30

6. Number of applications and patents involved: ..... 1

7. Total estimated fee (37 CFR 3.41): ..... \$ 40.00

8. Please charge the required fee to  
Deposit Account Number: ..... 50-1814

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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.*

Matthew R. Osenga (Reg. No. 45,600)

For: Allan A. Fanucci (Reg. No. 30,256)

Signature

Oct. 6, 2003

Date

Total number of pages including cover sheet:

3

## ASSIGNMENT

WHEREAS,

**Yoram Leon SHABTAY**, a citizen of Israel residing at 15 Glenbrook Drive,  
Prospect Heights, Illinois, 60070,

ASSIGNOR, is an inventor of the invention in **THERMAL SPRAY APPLICATION OF BRAZING MATERIAL FOR MANUFACTURE OF HEAT TRANSFER DEVICES**, for which an application for a Patent of the United States, identified by Winston & Strawn LLP Docket No. 81433-400:

☒ is executed on even date herewith.

WHEREAS, **Outokumpu Oyj**, a Finnish corporate body having a place of business at Riihitontuntie, FIN-02200 ESPOO, FINLAND, ASSIGNEE, is desirous of obtaining each inventor's entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to each inventor in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, each ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, his or her entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries other than the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

And each ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to

the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

And each ASSIGNOR hereby covenants and agrees that he or she has the full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith;

And each ASSIGNOR hereby further covenants and agrees that he or she will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to him or her respecting said invention, testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE or, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries;

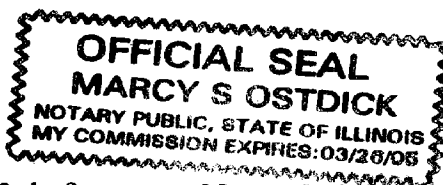
And each ASSIGNOR hereby authorizes the ASSIGNEE's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

In witness whereof, each inventor has affixed his or her signature.

Aug 26 2003  
Date

Yoram Leon SHABTAY  
Yoram Leon SHABTAY

STATE OF Illinois )  
COUNTY OF Kane )



On this 26<sup>th</sup> day of August, 2003, before me, a Notary Public, personally appeared Yoram Leon SHABTAY, to me known and known to me to be the person of that name, who signed the foregoing instrument and acknowledged the same to be his/her free act and deed.

Marcy S Ostlick  
Notary Public

3/28/06  
My Commission/Expires