

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Karsten HOFFHAUS	03/18/2007
Gunther KAZMEIER	03/18/2007
Marco Aurelio FLORES-VERDUGO	03/30/2007

RECEIVING PARTY DATA

Name:	OUTOKUMPU TECHNOLOGY OY
Street Address:	7 RIIHITONTUNTIE 7
City:	ESPOO
State/Country:	FINLAND
Postal Code:	FIN-02200

Name:	TECHNOLOGICAL RESOURCES PTY, LIMITED
Street Address:	55 COLLINS STREET
City:	MELBOURNE
State/Country:	AUSTRALIA
Postal Code:	VIC 3000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10576407

CORRESPONDENCE DATA

Fax Number: (212)415-8701

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: (212) 415-8700

Email: ekwon@morganfinnegan.com

Correspondent Name: Evelyn M. Kwon

Address Line 1: Morgan & Finnegan, LLP

Address Line 2: 3 World Financial Center

PATENT

REEL: 019450 FRAME: 0722

500298904

CH \$40.00 10576407

Address Line 4: New York, NEW YORK 10281-2101

ATTORNEY DOCKET NUMBER:

4791-4019EMK

NAME OF SUBMITTER:

Evelyn M. Kwon

**Total Attachments: 7**

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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

↑CUSTOMER NUMBER↑

**To The Honorable Commissioner of Patents and Trademarks:**

Please record the attached original documents or copy thereof.

<b>1. Name of conveying party(ies):</b>  <b>Karsten HOFFHAUS Gunther KAZMEIER Marco Aurelio FLORES-VERDUGO</b>  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies):</b> Name: <b>OUTOKUMPU TECHNOLOGY OY</b> Address: 7 Riihitontuntie 7, Fin-02200 Espoo, Finland  And Name: <b>TECHNOLOGICAL RESOURCES PTY, LIMITED</b> Address: 55 Collins Street, Melbourne, Vic 3000, Australia
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment  <input type="checkbox"/> Other  Execution Date(s): March 18, 2007; March 17, 2007 and March 30, 2007	<b>4. Patent Application number(s)</b>  10/576,407; filed April 19, 2006
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b> Name: Evelyn M. Kwon Address: Morgan & Finnegan, LLP 3 World Financial Center New York, New York 10281-2101 TEL (212) 415-8700 Fax (212) 415-8701	<b>6. Total number of applications involved:</b> 1  <b>7. Total fee (37 CFR 3.41):</b> \$40.00  <input type="checkbox"/> A check in the amount of _____ is enclosed. <input checked="" type="checkbox"/> Charge to Deposit Account No. <b><u>13-4500</u></b> , Order No. <b><u>4791-4019</u></b> . <input checked="" type="checkbox"/> Charge any deficiencies to Deposit Account <b><u>13-4500</u></b> , Order No. <b><u>4791-4019</u></b> .

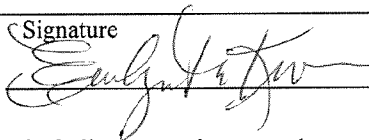
**DO NOT USE THIS SPACE****8. Statement and signature.**

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

Name of Person Signing

Evelyn M. Kwon

Signature



Date:

June 19, 2007Reg. No. 54,246Total no. of pages including cover sheet, attachments and document: 7**DO NOT DETACH THIS PORTION**

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CUSTOMER NO: 27123

Docket No. 4791-4019

## ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Karsten HOFFHAUS of Wiesenstraße 12a, 49685 Emstek, Germany;  
Gunther KAZMEIER of Rostocker Straße 22, 61130 Nidderau, Germany; and  
Marco Aurelio FLORES-VERDUGO of Diego de Arana 149, Cumbres 4 Sector,  
Monterrey, Mexico.

(hereinafter referred to as ASSIGNOR(S)), in an invention entitled:

A PIPE SEGMENT FOR A TRANSFER LINE FOR TRANSPORTING HOT  
PARTICULATE MATERIAL

- ☐ for which application for Letters Patent of the United States has been executed on even date herewith,
- ☒ for which application for Letters Patent of the United States filed on April 19, 2006, under Serial No. 10/576,407 and

WHEREAS:

OUTOKUMPU TECHNOLOGY OY, having a place of business at  
RIIHITONTUNTIE 7, FIN-02200 ESPOO, FINLAND; and

TECHNOLOGICAL RESOURCES PTY. LIMITED having a place of business at  
55 COLLINS STREET, MELBOURNE, VIC 3000, AUSTRALIA.

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for valuable consideration by ASSIGNEE to ASSIGNOR(S) , the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

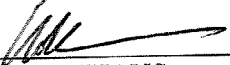
I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I, SAID, ASSIGNOR(S), hereby covenant that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues or reexaminations of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will, at any time, when called upon to do so by the ASSIGNEE its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, reissue and reexamination applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Signed:

(1)

  
Karsten HOFFHAUS

Date:

18.03.2007

(2)

  
Gunther KAZMEIER

Date:

(3)

  
Marco Aurelio FLORES-VERDUGO

Date:

CUSTOMER NO: 27123

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I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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Signed:

(1)

Karsten HÖFFHAUS

Date: \_\_\_\_\_

(2)

Gunther KAZMEIERDate: 17.03.2007

(3)

Marco Aurelio FLORES-VERDUGO

Date: \_\_\_\_\_

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*miss*

USSN: 10/576,407

Docket No. 4791-4019

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Signed:

(1) \_\_\_\_\_ Date: \_\_\_\_\_  
Karsten HOFFHAUS

(2) \_\_\_\_\_ Date: \_\_\_\_\_  
Gunther KAZMIRER

(3)  \_\_\_\_\_ Date: March 30, 2007  
Marco Aurelio FLORES-VERDUGO