

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jiliang Xia</td> <td>09/27/2012</td> </tr> <tr> <td>Tuomas Hirsi</td> <td>10/15/2012</td> </tr> <tr> <td>Niclas Tylli</td> <td>10/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jiliang Xia	09/27/2012	Tuomas Hirsi	10/15/2012	Niclas Tylli	10/10/2012
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Jiliang Xia	09/27/2012								
Tuomas Hirsi	10/15/2012								
Niclas Tylli	10/10/2012								
RECEIVING PARTY DATA									
Name:	Outotec Oyj								
Street Address:	Riihitontuntie 7								
City:	Espoo								
State/Country:	FINLAND								
Postal Code:	02200								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>29429969</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29429969				
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Application Number:	29429969								
CORRESPONDENCE DATA									
Fax Number:	2028243001								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	2028243000								
Email:	ceptak@bannerwitcoff.com, bwptopat@bannerwitcoff.com								
Correspondent Name:	Darrell G. Mottley								
Address Line 1:	1100 13th Street NW								
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ATTORNEY DOCKET NUMBER:	007532.00009								
NAME OF SUBMITTER:	Darrell G. Mottley								
Total Attachments: 3 source=9Assignment#page1.tif source=9Assignment#page2.tif source=9Assignment#page3.tif									

CH \$40.00 29429969

ASSIGNMENT

WHEREAS, WE, Jiliang XIA, residing at Sakkijarventie 33 B, 28300 Pori, Finland, Tuomas HIRSI, residing at Jokikuja 4, 00780 Helsinki, Finland and Niclas TYLLI, residing at Lamminjarventie 8, 02880 Veikkola, Finland (ASSIGNORS), are the inventors of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 007532.00009 and having the title:

MIXER IMPELLER

which application was

filed on August 20, 2012 and assigned application number 29/429969;

and WHEREAS

Outotec Oyj
Riihitontuntie 7
02200 ESPOO
FINLAND

ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

We hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, design registrations, industrial designs, petty patents and utility model patents which may be granted therefore, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

27 September 2012
DATE


Jiliang Xia

DATE

Tuomas Hirsi

10 October 2012
DATE


Niclas Tylli

Note: No legalization or other witness required.

LAW OFFICES
BANNER & WITCOFF, LTD.
1100 13th Street, N.W.
12th Floor
Washington, D.C. 20005-4051
202-824-3000

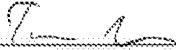
And we authorize the ASSIGNEE or its NOMINEES to file in our name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

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DATE

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Jiliang Xia

October 15, 2012
DATE


.....
Tuomas Hirsi

.....
DATE

.....
Niclas Tylli

Note: No legalization or other witness required.

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