PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARL-HEINZ DAUM	06/29/2017
PETER ERNST	06/29/2017
HANNES STORCH	06/29/2017
WOLFRAM SCHALK	07/28/2017

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15536234

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DATE SIGNED:	08/04/2017

Total Attachments: 1

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PATENT REEL: 043208 FRAME: 0147

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ASSIGNMENT - PATENT APPLICATION

WHEREAS, we, Karl-Heinz Daum, Peter Ernst, Hannes Storch and Wolfram Schalk have invented certain new and useful improvements in

PROCESS AND PLANT FOR IMPROVED ENERGY-EFFICIENT PRODUCTION OF SULFURIC ACID

for which an application for United States Letters Patent is being filed as entry into the national stage of PCT/EP2015/079809; and

WHEREAS, Outotec (Finland) Oy, Rauhalanpuisto 9, 02230 Espoo Finland (hereinafter "Assignee") desires to acquire an interest in said improvements and in the Letters Patent to be obtained therefor;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are acknowledged, we hereby assign and transfer to Assignee, for the territory of the United States of America and all other countries, the entire right, title, and interest in and to said improvements and in and to said application and any Letters Patent that may be granted therefor in the United States and any other country including any division, continuation, substitute, renewal or reissue of said application or said Letters Patent.

We hereby agree to communicate to Assignee any facts known to us relating to said improvements, to testify as to the same in any interference or legal proceeding concerned therewith, to execute promptly and deliver to Assignee upon request any and all papers, instruments, declarations and affidavits required to apply for, obtain, maintain and enforce said Letters Patent, and generally to do everything necessary or desirable to vest and perfect title thereto in Assignee.

This assignment is binding upon us and our heirs, successors and legal representative, and shall inure to the benefit of Assignee, its successors, assigns and nominees.

We agree that no attorney/client or other fiduciary relationship exists between us and CHERNOFF, VILHAUER, LLP

> PATENT REEL: 043208 FRAME: 0148

RECORDED: 08/04/2017