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A/D 581 40

09/786995

JCO2 Rec'd PCT/PTO 12 MAR 2001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

04-30-2001



101693119

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

Sir:

Please record the attached original document or copy thereof.

- 1. Name of conveying party: Timo Niitti
- 2. Name and address of receiving party:

OUTOKUMPU OYJ
Riihitontuntie 7 D
Box 27
FIN-02201 Espoo, Finland

3. The conveyance is an ASSIGNMENT and was executed on February 23, 2001.

09/786995

4. Properties affected: The patent application that was executed on February 23, 2001 for METHOD FOR IMPROVING THE OPERATION OF FLOTATION CELL LINE

5. Correspondence regarding the document should be mailed to the address at the bottom of this cover sheet.

6. Total number of properties affected: 1

7. A check including the amount of \$40.00 for the fee under 37 CFR 3.41 is enclosed.

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.

Respectfully submitted,

03/16/2001 UEDUVIJE 00000058 09786995
02 FC:581

Perle Lope Stockwell
Perle Lope Stockwell, Admin. Asst.

March 12, 2001
Date

SMITH-HILL AND BEDELL, P.C.
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Tel. (503) 574-3100
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OUTO 2199

PATENT
REEL: 011728 FRAME: 0279

ASSIGNMENT - PATENT APPLICATION

WHEREAS, I/We, NIITTI, Timo
of 900 Ironwood Drive, Ponte Vedra, Florida 32082, U.S.A.

have invented certain new and useful improvements in _____
Method for improving the operation of flotation cell line

for which an application for United States Letters Patent was signed on even date herewith; and

WHEREAS, Outokumpu Oyj
of Espoo, Finland (hereinafter "Assignee")
desires to acquire an interest therein and in the Letters Patent to be obtained therefor;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are acknowledged, I/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 of reissue of said application or said Letters Patent.

I/We hereby agree to communicate to Assignee any facts known to me/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 me/us and my/our heirs, successors and personal representative, and shall inure to the benefit of Assignee, its successors, assigns and nominees.

IN TESTIMONY WHEREOF, I/We have hereunto set hand this
23 day of February 2001, _____.

INVENTOR(S) :

X [Signature]
Timo Niitti

