## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
FLSmidth Ltd.	10/18/2011

## **RECEIVING PARTY DATA**

Name:	FLSmidth A/S
Street Address:	Vigerslev Alle 77
City:	DK-2500 Valby
State/Country:	DENMARK

## PROPERTY NUMBERS Total: 7

Property Type	Number
Patent Number:	6682655
Patent Number:	6962560
Patent Number:	6997859
Patent Number:	7144360
Patent Number:	7500943
Patent Number:	7503888
Application Number:	12835140

## **CORRESPONDENCE DATA**

 Fax Number:
 (604)646-2601

 Phone:
 604.641.4957

 Email:
 akt@bht.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Bull, Housser & Tupper LLP
Address Line 1: 1055 West Georgia Street

Address Line 2: 3000 Royal Centre, PO Box 11130 Address Line 4: Vancouver, CANADA V6E 3R3

**PATENT** 

REEL: 027180 FRAME: 0187

\*Z80.00 668Z655

ATTORNEY DOCKET NUMBER:	11-3871
NAME OF SUBMITTER:	Amy Truscott
Total Attachments: 5 source=FLS - Assignment - FLSmidth Ltd to	p FLSmidth AS#page2.tif p FLSmidth AS#page3.tif p FLSmidth AS#page4.tif

#### ASSIGNMENT

WHEREAS FLSMIDTH LTD., the full post office address of whose principal office or place of business is 174 West Street South, Orillia, Ontario, L3V 6L4, Canada,

hereinafter referred to as "ASSIGNOR", is the owner of certain patents and patent applications listed in Schedule "A" hereto (hereinafter collectively the "Patents");

WHEREAS FLSMIDTH A/S, the full post office address of whose principal office or place of business is Vigerslev Allé 77, DK-2500 Valby, Denmark, hereinafter referred to as "ASSIGNEE", is desirous of acquiring all right, title and interest in the said Patents;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said Patents and all rights associated therewith, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this assignment and transfer not been made, to the full end and term of any rights which may flow therefrom, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that it will, without charge to the said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of any Patents, and execute, verify, acknowledge and deliver all such further papers for the issue or reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee

3217414

lawfully may request to obtain or maintain the Patents in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

	OKILLIA (City or Town) f OCTOBEY (month)	2011.	CANAOA (Country)	женен
Witness:	es 1/ELVIN LEST 55-5	<i>-</i> /	TH LTD.  MANUAL STATES AND STATES	
	Beth le hem (City or Town) Octobe (month)	<i>PA</i> 2011.	USA (Country)	····
Witness:	<u> </u>	<b>▼</b> FLSM	ADTH DAIS	

Title: General Manager - Global IPR Portfolio

Management

Name: Aaron M. Pile

#### SCHEDULE "A"

## <u>Patents</u>

"Method for Nano-Sizing": South Africa Patent #2005/0148 granted to Deswik (PTY) Limited

"Centrifugal separator" (Series 1 - location of liner in shell): Canadian Patent #2,085,064 granted to Benjamin V. Knelson

"Centrifuge bowl with attached cast inner liner" (Series 1 - location of liner in shell): United States Patent #5,230,797 granted to Benjamin V. Knelson

"Centrifugal discharge of concentrate" (Series 2): United States Patent #5,222,933 granted to Benjamin V. Knelson

"Centrifugal separator with substantially continuous discharge of fines" (Series 12): United States Patent #5,338,284 granted to Benjamin Knelson

"Centrifugal separator with conical bowl section and axially spaced recesses" (Series 13): Canadian Patent #2,160,645 granted to Benjamin V. Knelson

"Centrifugal separator with conical bowl section and axially spaced recesses" (Series 13): United States Patent #5,586,965 granted to Benjamin V. Knelson

"Centrifugal separator with conical bowl section and axially spaced recesses" (Series 13): Australian Patent 697557 granted to Benjamin Knelson

"Centrifugal separator with injection of fluidizing liquid between non-fluidized recesses" (Series 22): Canadian Patent #2,271,958 granted to Benjamin V. Knelson

"Centrifugal separator with a reduced number of fluidized recesses" (Series 22): United States Patent #5,895,345 granted to Benjamin Knelson

"Centrifugal separator with a reduced number of fluidized recesses" (Series 22): Australian Patent 719402 granted to Benjamin V. Knelson

"Centrifugal separator with injection of fluidizing liquid between non-fluidized recesses" (Series 22): Republic of South Africa Patent #97/10929 granted to Benjamin V. Knelson

"Continuous centrifugal separator of heavier particulate materials from light particulate materials in a slurry" (Series 24): Canadian Patent #2,276,947 granted to Benjamin Knelson

"Continuous centrifugal separator of heavier particulate materials from light particulate materials in a slurry" (Series 24): United States Patent #6,149,572 granted to Benjamin Knelson

3217414

"Concrete recovery system" (Series 32): Canadian Patent #2,357,622 granted to Knelson Patents Inc.

"Concrete recovery system" (Series 32): United States Patent #US6,682,655 B2 granted to Knelson Patents Inc.

"Continuous centrifugal separator of heavier particulate materials from light particulate materials in a slurry" (Series 40 - moving balls in a ring): Canadian Patent #2,436,496 granted to Knelson Patents Inc.

"Continuous centrifugal separation of slurry using balls contained in a recess of a bowl" (Series 40 - moving balls in a ring): United States Patent #US6,962,560 B2 granted to Knelson Patents Inc.

"Continuous centrifugal separation of slurry using balls contained in a recess of a bowl" (Series 40 - moving balls in a ring): Republic of Africa Certificate of Patent #2006/00771 granted to Knelson Patents Inc.

"Centrifugal separator with fluid injection openings formed in a separate strip insert" (Series 41 – holey strip in ring): United States Patent #US6,997,859 B2 granted to Knelson Patents Inc.

"Centrifugal separator with a separate strip insert mounted in the bowl" (Series 43 - rib cover): Canadian Patent #2,529,977 granted to Knelson Patents Inc.

"Centrifugal separator with a separate strip insert mounted in the bowl" (Series 43 - rib cover): United States Patent #US7,144,360 B2 granted to Knelson Patents Inc.

"Centrifugal separator with a separate strip insert mounted in the bowl" (Series 43 – rib cover): Republic of South Africa Certificate of Patent #2005/10148 granted to Knelson Patents Inc.

"Centrifugal separator of heavier particulate materials from light particulate materials in a slurry using a ring in the collection recess" (Series 46 – CGE ring): Canadian Patent #2,625,843 granted to Knelson Patents Inc.

"Centrifugal separator of heavier particulate materials from light particulate materials in a slurry using a ring in the collection recess" (Series 46 – CGE ring): United States Patent #US7,500,943 B1 granted to Knelson Patents Inc.

"Centrifugal separator of heavier particulate materials from light particulate materials in a slurry using a ring in the collection recess" (Series 46 – CGE ring): Republic of South Africa Certificate of Patent # 2009/01469 granted to Knelson Patents Inc.

"Centrifugal separator of heavier particulate materials from light particulate materials in a slurry using a stepped lead-in surface" (Series 48 – stepped run-up zone): United States Patent # 7,503,888 B1 granted to Knelson Patents Inc.

"Centrifugal separator of heavier particulate materials from light particulate materials in a slurry using a stepped lead-in surface" (Series 48 – stepped run-up zone): Republic of South Africa Patent Certificate #2009/01470 granted to Knelson Patents Inc.

"Centrifugal separator with substantially continuous discharge of fines" (Series 12): Canadian Patent # 2,140,551 granted to Benjamin Knelson

"Centrifugal separator of heavier particulate materials from light particulate materials in a slurry using a stepped lead-in surface" (Series 48 – stepped run-up zone): Canadian Patent #2,625,841 granted to Knelson Patents Inc.

"Centrifugal separator with a separate strip insert mounted in the bowl" (Series 43 - rib cover): Australian Patent 2005246968, granted to Knelson Patents Inc.

## Patent Applications

"Centrifugal separator of heavier particulate materials from light particulate materials in a slurry using a stepped lead-in surface" (Series 48 – stepped run-up zone): Australian Patent Application #2009200918, filed March 10, 2009 in the name of Knelson Patents Inc.

"Bowl Structure for a Centrifugal Concentrator" (Series 49 – modular cone (flexbowl)): United States Patent Application #12/835,140, filed July 13, 2010 in the name of Knelson Patents Inc.

"Bowl Structure for a Centrifugal Concentrator" (Series 49 – modular cone (flexbowl)): PCT Patent Application #PCT/CA2010/001070, filed July 13, 2010 in the name of Knelson Patents Inc.

"Centrifugal Separator of Heavier Particulate Materials from Light Particulate Materials in a Slurry using a Ring in the Collection Recess" (Series 46 – CGE ring): Australian Patent Application #2009200919, filed March 10, 2009 in the name of Knelson Patents Inc.

3217414

RECORDED: 11/04/2011