502115711 11/02/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jorma Tapani Lehtonen	10/17/2008
Heikki Manninen	10/16/2008

RECEIVING PARTY DATA

Name:	Sulzer Pumpen AG	
Street Address:	Zuercherstrasse 12	
City:	Winterthur	
State/Country:	SWITZERLAND	
Postal Code:	8401	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12264662

CORRESPONDENCE DATA

Fax Number: 4153584235

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

Phone: 4152734709

Email: lehrlich@kilpatricktownsend.com

Correspondent Name: Leslie Ehrlich

Address Line 1: Two Embarcadero Center, Eighth Floor
Address Line 4: San Francisco, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER:	77848-076600US-758896
NAME OF SUBMITTER:	Leslie Ehrlich

Total Attachments: 2

source=Assignment_77848-758896#page1.tif source=Assignment_77848-758896#page2.tif

PATENT REEL: 029233 FRAME: 0064 OF \$40.00 1226466

502115711

Attorney Docket No.: Client Reference No.: 015258 076600US

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Jorma Tapani LEHTONEN of Etelatic 3 A 3, FIN-35800 Mantia, Finland and Heikki MANNINEN of Savonlinnantic 19 A 3, FIN-35700 Vilppula, Finland, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

CENTRIFUGAL PUMP, A SHAFT SLEEVE AND A

STATIONARY SEAL MEMBER

Date(s) of Execution:

October 17, 2008 and October 16, 2008

Filing Date:

November 4, 2008

Application No.: 12/264,662

; and

WHEREAS, Sulzer Pumpen AG of Zürcherstrasse 12, CH-8401 Winterthur, Switzerland, hereinafter referred to as "ASSIGNEE," is desirous of acquiring ASSIGNORS' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignees, and Assignees' successors and assigns, all their right, title and interest in and to the said invention and application, and in and to my Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignces as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion. reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignce lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignce, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 1 17.10.2008		× fee	Tapani LEHTONEN
Dated:	-	<u> </u>	ikki manninen

11439914 v1

Attorney Docket No.: 015258 Client Reference No.: 076600US

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Jorma Tapani LEHTONEN of Etclätic 3 A 3, FIN-35800 Mänita, Finland and Heikki MANNINEN of Savonlinnantic 19 A 3, FIN-35700 Vilppula, Finland, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

CENTRIFUGAL PUMP, A SHAFT SLEEVE AND A

STATIONARY SEAL MEMBER

Date(s) of Execution:

October 17, 2008 and October 16, 2008

Filing Date:

November 4, 2008

Application No.: 12/264,662

; and

WHEREAS, Sulzer Pumpen AG of Zürcherstrasse 12, C11-8401 Winterthur, Switzerland, hereinafter referred to as "ASSIGNEE," is desirous of acquiring ASSIGNORS' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignees, and Assignees' successors and assigns, all their right, title and interest in and to the said invention and application, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignces as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, cooperate with Assignce in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignce, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Oated:		Jorma Tapani LEHTONEN
Dated:	16.10.200 P	Odli Ouuni Heikki MANNINEN

11439914 vI

PATENT REEL: 029233 FRAME: 0066

RECORDED: 11/02/2012