

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT2730004

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
Name			Execution Date
DENNIS A. BRIGGS			08/27/1999
RECEIVING PARTY DATA			
Name:	THERAKOS, INC.		
Street Address:	10 NORTH HIGH STREET		
City:	WEST CHESTER		
State/Country:	PENNSYLVANIA		
Postal Code:	19380		
PROPERTY NUMBERS Total: 1			
Property Type	Number		
Application Number:	13415291		
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NAME OF SUBMITTER:	CYNTHIA KOZAKIEWICZ		
Signature:	/Cynthia Kozakiewicz/		
Date:	02/18/2014		
Total Attachments: 2 source=46230-517C03US - Assignment#page1.tif source=46230-517C03US - Assignment#page2.tif			

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Therakos, Inc., 437 Creamery Way, Exton, PA 19341, USA

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in

UNINTERRUPTED FLOW PUMP APPARATUS AND METHOD

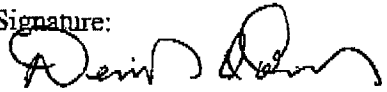


as set forth in his United States Patent Application

_____ executed concurrently herewith
XX executed on 02 September 1999
_____ Serial No. _____ filed _____

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

PATENT**REEL: 13565 FRAME: 0363****PATENT****REEL: 032231 FRAME: 0915**

The undersigned hereby grant Don J. Peltó, Jeff E. Schwartz, Lawrence M. Sung and John W. Wallen, III the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Dennis A. Briggs	Signature: 	Date: 8/27/99
NAMES AND SIGNATURES OF WITNESSES		
Name: Kyu H. Lee	Signature: 	Date: 8/27/99
Name: Harold M. Walder	Signature: 	Date: 8/27/99

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

IPT-407:4/90(1)(modified)