

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Scott W. Morley	10/03/2007
Meir Rosenberg	10/03/2007
RECEIVING PARTY DATA	
Name:	ALung
Street Address:	2500 Jane St.
City:	Pittsburgh
State/Country:	PENNSYLVANIA
Postal Code:	15203
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13084100
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	kkuznicki@lynchweis.com
Correspondent Name:	Kathleen Kuznicki
Address Line 1:	501 Smith Dr. Ste. 3
Address Line 4:	Cranberry Twp., PENNSYLVANIA 16066
NAME OF SUBMITTER:	Kathleen Kuznicki
Signature:	/kathleen kuznicki/
Date:	07/02/2013
Total Attachments: 6 source=assignment recorded#page1.tif source=assignment recorded#page2.tif source=assignment recorded#page3.tif source=assignment recorded#page4.tif source=assignment recorded#page5.tif source=assignment recorded#page6.tif	

OP \$40.00 13084100

## ASSIGNMENT

This Assignment made by William J. Federspiel of Pittsburgh, Pennsylvania; Brian J. Frankowski of Imperial, Pennsylvania; Brendan C. Mack of Pasadena, California; and Robert G. Svitek of Pittsburgh, Pennsylvania, Assignors, to the University of Pittsburgh – Of the Commonwealth System of Higher Education, a non-profit corporation organized and existing under the laws of the Commonwealth of Pennsylvania, Assignee, having a place of business at 200 Gardner Steel Conference Center, Thackeray and O'Hara Streets, Pittsburgh, PA 15260.

WHEREAS, Assignors have invented a new and useful PARACORPOREAL RESPIRATORY ASSIST LUNG, for which an application for United States Letters Patent was filed on April 21, 2006 and has Serial No. 11/408,650, and

WHEREAS, Assignors believe themselves to be the original, first and joint inventors of the invention disclosed and claimed in said application for Letters Patent; and

WHEREAS, Assignee desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said application, and any Letters Patent that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign and transfer to Assignee, the entire right, title and interest in and to said invention, said application, and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Serial No. 11/408,650  
UPITT Ref. No. 01077

**PATENT**  
**REEL: 030727 FRAME: 0844**

Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and their legal representative(s) and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to said invention, said application, and any Letters Patent granted for said invention in the United States and throughout the world.

Assignors represent and warrant that they has not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, Assignors have executed this Assignment on the date written herein below.

Date: 11/14/07

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

ASSIGNORS:

William J. Federspiel  
WILLIAM J. FEDERSPIEL

\_\_\_\_\_  
BRIAN J. FRANKOWSKI

\_\_\_\_\_  
BRENDAN C. MACK

\_\_\_\_\_  
ROBERT G. SVITEK

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ASSIGNORS:

Date: \_\_\_\_\_

WILLIAM J. FEDERSPIEL

Date: 11-14-2007

  
BRIAN J. FRANKOWSKI

Date: \_\_\_\_\_

BRENDAN C. MACK

Date: \_\_\_\_\_

ROBERT G. SVITEK

198928.1

Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and their legal representative(s) and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to said invention, said application, and any Letters Patent granted for said invention in the United States and throughout the world.

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ASSIGNORS:

Date: \_\_\_\_\_

\_\_\_\_\_  
WILLIAM J. FEDERSPIEL

Date: \_\_\_\_\_

\_\_\_\_\_  
BRIAN J. FRANKOWSKI

Date: \_\_\_\_\_

\_\_\_\_\_  
BRENDAN C. MACK

Date: 3/27/08

Robert G. Svitek  
ROBERT G. SVITEK

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ASSIGNMENT

This Assignment made by Scott W. Morley of Pittsburgh, Pennsylvania and Meir Rosenberg of Newton, Massachusetts; Assignors, to ALung Technologies, Inc., 33 Terminal Way, Suite 517A, Pittsburgh, Pennsylvania 15219.

WHEREAS, Assignors have invented a new and useful PARACORPOREAL RESPIRATORY ASSIST LUNG, for which an application for United States Patent was filed on April 21, 2006 and has Serial No. 11/408,650, and

WHEREAS, Assignors believe themselves to be the original, first and joint inventors of the invention disclosed and claimed in said application for Letters Patent; and

WHEREAS, Assignee desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said application, and any Letters Patent that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign and transfer to Assignee, the entire right, title and interest in and to said invention, said application, and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and their legal representative(s) and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and

Serial No. 11/408,650  
Client ID/Matter No. ALUNG-71973

**PATENT**  
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throughout the world for said invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to said invention, said application, and any Letters Patent granted for said invention in the United States and throughout the world.

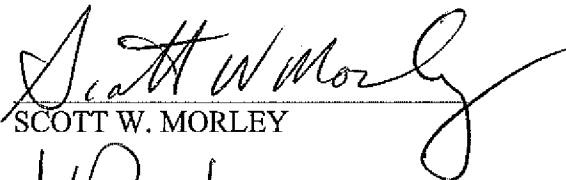
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IN WITNESS WHEREOF, Assignors have executed this Assignment on the date written herein below.

Assignor:

Date: 10/3/07

  
SCOTT W. MORLEY

Date: 10/3/2007

  
MEIR ROSENBERG

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