

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Pluromed, Inc.	12/17/2012
RECEIVING PARTY DATA	
Name:	Genzyme Corporation
Street Address:	500 Kendall Street
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02142
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12946478
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ATTORNEY DOCKET NUMBER:	4857.1000-005
NAME OF SUBMITTER:	Karen Kenney
Total Attachments: 4 source=48571000005Assignment#page1.tif source=48571000005Assignment#page2.tif source=48571000005Assignment#page3.tif source=48571000005Assignment#page4.tif	

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PATENT

## ASSIGNMENT

This assignment is made effective December 17, 2012, between Pluromed, Inc., a Massachusetts corporation, having its principal place of business at 175-F New Boston Street, Woburn, Massachusetts 01801 ("Assignor") and Genzyme Corporation, a Massachusetts corporation, having its principal place of business at 500 Kendall Street, Cambridge, Massachusetts 02142 ("Assignee").

Whereas, Assignor has rights in and owns United States Patent Nos. 6,761,824, 6,977,045, 7,700,086, 5,800,711, and 8,043,604 and United States Patent Application Nos. 12/771,735, 12/732,781, 11/412,407, 11/851,848, 11/864,118, 12/035,703, 13/241,025, 12/745,136, 12/920,023, 12/920,052, 12/946,478, 11/954,109, 11/640,827 and 13/272,025,

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor:

(1) Assignor hereby agrees to assign and assigns to Assignee, its successors and assigns, absolutely and forever all its right, title and interest —

(a) in and to United States Patent Nos. 6,761,824, entitled *Process for the Fractionation of Polymers*, filed August 13, 2001 and issued July 13, 2004; 6,977,045, entitled *Process for the Fractionation of Polymers*, filed January 28, 2004 and issued December 20, 2015; 7,700,086, entitled *Internal Clamp for Surgical Procedures*, filed November 5, 2004 and issued April 20, 2010; 5,800,711, entitled *Process for the Fractionation of Polyoxyalkylene Block Copolymers*, filed October 18, 1996 and issued September 1, 1998; and 8,043,604 entitled *Ultrasonography Using Time- and Temperature-Sensitive Variable Adhesion Coupling Gels*, filed April 28, 2008 and issued October 25, 2011, including the exclusive right to bring suit, maintain suit, or otherwise enforce these patents;

(b) in and to United States Patent Application Nos. 12/771,735, entitled *Temporary Embolization Using Inverse Thermosensitive Polymers*, filed April 30, 2010, pending; 12/732,781, entitled *Internal Clamp for Surgical Procedures*, filed March 26, 2010, pending; 11/412,407, entitled *Non-Lithotriptic Kidney-Stone Therapy*, filed April 27, 2006, allowed; 11/851,848, entitled *Atraumatic Occlusion Balloons and Skirts, and Methods of Use Thereof*, filed September 7, 2007, pending; 11/864,118, entitled *Methods for Preventing Retropulsion of Concretions and Fragments During Lithotripsy*, filed September 28, 2007, pending; 12/035,703, entitled *Use of Reverse Thermosensitive Polymers to Control Biological Fluid Flow Following a Medical Procedure*, filed February 22, 2008, pending; 13/241,025, entitled *Ultrasonography Using Time-and Temperature-Sensitive Variable Adhesion Coupling Gels*, filed September 22, 2011, pending; 12/745,136, entitled *Endoscopic Mucosal Resectioning Using Purified Inverse Thermosensitive Polymers*, filed November 10, 2010, pending; 12/920,023, entitled *Local Embolization Via Heating of Thermosensitive Polymers*, filed December 6, 2010, pending; 12/920,052, entitled *Local Embolization Using Thermosensitive Polymers*, filed December 30, 2010, pending; 12/946,478, entitled *Confinement of kidney Stone Fragments during Lithotripsy*, filed November 15, 2010, allowed; 11/954,109, entitled *Perfusive Organ Hemostasis*, filed December 11, 2007, pending; 11/640,827, entitled *Methods and kits for treating lacerations and puncture wounds using inverse thermosensitive polymers*, filed December 18, 2006, pending; and 13/272,025, entitled *Methods and Kits for Treating Lacerations and Puncture Wounds Using Inverse Thermosensitive Polymers*, filed October 12, 2011, pending, including the exclusive right to bring suit, maintain suit, or otherwise enforce any patent or patents which may be granted therefrom; and

(c) in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon United States Patent Application Nos. 12/771,735,

12/732,781, 11/412,407, 11/851,848, 11/864,118, 12/035,703, 13/241,025, 12/745,136, 12/920,023, 12/920,052, 12/946,478, 11,954,109, 11/640,827 and 13/272,025, and to any patent or patents to be granted therefrom, if any, to the full end of the term or terms for which said patent or patents may be granted, including the exclusive right to bring suit, maintain suit, or otherwise enforce such patent or patents.

(2) Assignor further covenants and agrees that it will, upon demand of Assignee, its successors or assigns, and without further consideration, execute any and all papers necessary or deemed to be necessary, by Assignee or its successors or assigns, to fulfill the intent and purpose of this Assignment.

IN WITNESS WHEREOF, Assignor has caused this instrument to be executed by its duly authorized officers.

**Pluromed, Inc.**

(Assignor – a Massachusetts corporation)

By: 

Allison Lawton  
President, Pluromed, Inc.

Date: December 17, 2012

**Genzyme Corporation**

(Assignee – a Massachusetts corporation)

By: 

Allison Lawton  
Senior VP and General Manager, Biosurgery

Date: December 17, 2012

State of Massachusetts )  
County of Middlesex )

I do hereby certify that the above-identified Assignor, personally known to me to be the same person or persons who signed the foregoing instrument, appeared before me this day and acknowledged that said instrument was signed and delivered as the free and voluntary act of the Assignor, for the uses and purposes therein set forth.

Given under my hand and seal this 17<sup>th</sup> day of December 2012.

  
Notary Public

My commission expires on:

