

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Aldagen, Inc.		09/16/2011	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	Intersouth Partners V, L.P., as Lender Representative		
Street Address:	406 Blackwell Street		
City:	Durham		
State/Country:	NORTH CAROLINA		
Postal Code:	27701		
Entity Type:	LIMITED PARTNERSHIP: DELAWARE		
PROPERTY NUMBERS Total: 5			
Property Type	Number	Word Mark	
Registration Number:	3271034	ALDAGEN	
Registration Number:	2890190	ALDECOUNT	
Registration Number:	2789892	ALDEFLUOR	
Registration Number:	3109914	ALDESORT	
Registration Number:	3271245		
CORRESPONDENCE DATA			
Fax Number:	(919)829-9696		
Phone:	9198294309		
Email:	tmgroup@hutchlaw.com		
	<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>		
Correspondent Name:	Devon E. White, Hutchison Law Group		
Address Line 1:	5410 Trinity Road		
Address Line 2:	Suite 400		
Address Line 4:	Raleigh, NORTH CAROLINA 27607		

CH \$140.00 3271034

ATTORNEY DOCKET NUMBER:	ALD.00031
NAME OF SUBMITTER:	Devon E. White
Signature:	/dew/
Date:	09/27/2011
Total Attachments: 4 source=Aldagen IP Security Agreement 9-16-2011#page1.tif source=Aldagen IP Security Agreement 9-16-2011#page2.tif source=Aldagen IP Security Agreement 9-16-2011#page3.tif source=Aldagen IP Security Agreement 9-16-2011#page4.tif	

EXHIBIT A

**CONFIRMATORY INTELLECTUAL PROPERTY
SECURITY AGREEMENT**

THIS CONFIRMATORY INTELLECTUAL PROPERTY SECURITY AGREEMENT (this "Confirmatory Security Agreement"), is made September 16, 2011, but effective as of the Effective Date (as hereinafter defined), from Aldagen, Inc., a Delaware corporation ("Grantor"), to Intersouth Partners V, L.P. ("Lender Representative").

WITNESSETH:

WHEREAS, Grantor and Lender Representative entered into that certain Intellectual Property Security Agreement, dated September 16, 2011 (the "IP Security Agreement"), which IP Security Agreement is incorporated by reference into this Confirmatory Security Agreement; and

WHEREAS, pursuant to the IP Security Agreement, Grantor gave Lender Representative a security interest in all of Grantor's right, title and interest in and to the Intellectual Property, as that term is defined in the IP Security Agreement, including any after-acquired Intellectual Property. Further, with respect to any trademarks or service marks, the Intellectual Property includes the entire goodwill of Grantor's business connected with the use of and symbolized by such trademarks or service marks; and

WHEREAS, Grantor now desires to confirm, as a matter of record, Lender Representative's security interest in and to the below listed Intellectual Property by authorizing and requesting that the Commissioner of Patents and Trademarks/Register of Copyrights record this Confirmatory Security Agreement.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor hereby grants to Lender Representative a security interest in and to the below listed Intellectual Property, and in the case of any trademarks or service marks, together with the entire goodwill of Grantor's business connected with the use of and symbolized by the trademarks or service marks, such security interest to be effective as of the respective Registration/Application Date (the "Effective Date").

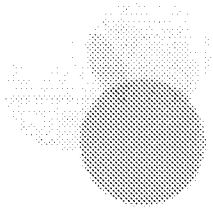
PATENTS

Application/ Patent No.	File/Issue Date	Assignee	Title
AU Patent Application No. 2004316477	05/04/2004	Aldagen	Stem Cell Populations and Methods of Use
CA Patent Application No. 2,556,018	05/04/2004	Aldagen	Stem Cell Populations and Methods of Use
JP Patent Application No. 2009-44911	02/26/2009	Aldagen	Stem Cell Populations and Methods of Use
JP Patent Application No. 2006-553107	05/04/2004	Aldagen	Stem Cell Populations and Methods of Use
EP Patent Application No. 04751235.5	05/04/2004	Aldagen	Stem Cell Populations and Methods of Use
US Patent Patent No. 7,863,043	01/04/2011	Aldagen	Stem Cell Populations and Methods of Use
US Patent Application No. 12/966,401	12/13/2010	Aldagen	Stem Cell Populations and Methods of Use
US Patent Application No. 12/513,882	11/08/2007	Aldagen	Methods For Improved Engraftment Following Stem Cell Transplantation
CA Patent Application No. 2,668,673	11/08/2007	Aldagen	Methods For Improved Engraftment Following Stem Cell Transplantation
JP Patent Application No. 2009-536475	11/08/2007	Aldagen	Methods For Improved Engraftment Following Stem Cell Transplantation
US Patent Application No. 12/513,889	11/08/2007	Aldagen Duke University	Methods For Using ALDHbr Cells to Supplement Stem Cell Transplantation
CA Patent Application No. 2,668,608	11/08/2007	Aldagen Duke University	Methods For Using ALDHbr Cells to Supplement Stem Cell Transplantation
JP Patent Application No. 2009-536471	11/08/2007	Aldagen Duke University	Methods For Using ALDHbr Cells to Supplement Stem Cell Transplantation

[EXHIBIT A TO INTELLECTUAL PROPERTY SECURITY AGREEMENT]

TRADEMARK
REEL: 004631 FRAME: 0261

TRADEMARKS

Title / Description	Registration Number	Registration Date
ALDAGEN	3,271,034	7/31/2007
ALDECOUNT	2,890,190	9/28/2004
ALDEFLUOR	2,789,892	12/2/2003
ALDESORT	3,109,914	6/27/2006
 <p align="center">Three circle design</p>	3,271,245	7/31/2007

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Description	Registration/ Application Number	Registration/ Application Date
None		

[EXHIBIT A TO INTELLECTUAL PROPERTY SECURITY AGREEMENT]

IN WITNESS WHEREOF, the Grantor has caused this Confirmatory Security Agreement to be duly executed by its authorized officer intending it to be effective as of the Effective Date.

ALDAGEN, INC.

By: *Lyle Hohnke*

Name: *Lyle Hohnke*

Title: *CEO*

[EXHIBIT A TO INTELLECTUAL PROPERTY SECURITY AGREEMENT]