# PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Bart Williams	05/12/2009
Charlotta Lindvall	05/11/2009

### **RECEIVING PARTY DATA**

Name:	Van Andel Research Institute	
Street Address:	333 Bostwick Ave, NE	
City:	Grand Rapids	
State/Country:	MICHIGAN	
Postal Code:	49503	

## PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	11807937	

VAN067 P379

## **CORRESPONDENCE DATA**

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NAME OF SUBMITTER: Douglas H. Siegel

Total Attachments: 2 source=11R8086#page1.tif source=11R8084#page1.tif

ATTORNEY DOCKET NUMBER:

PATENT

REEL: 022750 FRAME: 0711

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#### ASSIGNMENT

WHEREAS, BART WILLIAMS, residing at 2289 Vantage Court SE, Caledonia, Michigan 49316, (hereinafter referred to as Assignor), has invented certain new and useful improvements in MAMMARY STEM CELL MARKER for which an application for United States Patent Application was executed on May 30, 2007, and assigned Application No. 11/807,937.

WHEREAS, VAN ANDEL RESEARCH INSTITUTE, having a place of business at 333 Bostwick Avenue NE, Grand Rapids, Michigan 49503 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to any invention arising from said disclosed subject matter and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable considerations, Assignor hereby sells, assigns, and transfers unto said Assignee the full and exclusive right, title and interest to any inventions arising from the disclosed subject matter in the United States and in all foreign countries and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and in any and all foreign countries and in and to any and all divisions, reissues, continuations, continuations-in-part, and all subsequently filed applications claiming priority thereon, as well as extensions thereof including the full right to claim for any such application the benefits of the International Convention.

Assignor hereby authorizes and requests the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Assignee as the owner of the entire right, title and interest in and to the same, for the sole use and behalf of said Assignee, its successors and assigns.

FURTHER, Assignor agrees to communicate to said Assignee or its representatives any facts known to Assignor respecting said subject matter, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitution, renewal, and reissue applications, as well as all subsequently filed applications claiming priority thereon, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for any invention arising from said disclosed subject matter in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand on the date appearing next to my signature.

Inventor:	Date:
But Wi	05/12/09
Bart Williams	, , ,
Witness:	Date:
Xenno	Mc/brail 5/12/09
V	· /
Witness:	Date:

PATENT REEL: 022750 FRAME: 0712

#### ASSIGNMENT

WHEREAS, CHARLOTTA LINDVALL, residing at 325 Glenhaven Avenue NW, Grand Rapids, Michigan 49504 (hereinafter referred to as Assignor), has invented certain new and useful improvements in MAMMARY STEM CELL MARKER for which an application for United States Patent Application was executed on May 30, 2007, and assigned Application No. 11/807,937.

WHEREAS, VAN ANDEL RESEARCH INSTITUTE, having a place of business at 333 Bostwick Avenue NE, Grand Rapids, Michigan 49503 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to any invention arising from said disclosed subject matter and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable considerations, Assignor hereby sells, assigns, and transfers unto said Assignee the full and exclusive right, title and interest to any inventions arising from the disclosed subject matter in the United States and in all foreign countries and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and in any and all foreign countries and in and to any and all divisions, reissues, continuations, continuations-in-part, and all subsequently filed applications claiming priority thereon, as well as extensions thereof including the full right to claim for any such application the benefits of the International Convention.

Assignor hereby authorizes and requests the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Assignee as the owner of the entire right, title and interest in and to the same, for the sole use and behalf of said Assignee, its successors and assigns.

FURTHER, Assignor agrees to communicate to said Assignee or its representatives any facts known to Assignor respecting said subject matter, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitution, renewal, and reissue applications, as well as all subsequently filed applications claiming priority thereon, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for any invention arising from said disclosed subject matter in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand on the date appearing next to my signature.

Inventor:  Charlotta Lindvall  Witness:  Date:  Date:  Date:  Date:  Date:  Date:			no string mana on the
Jennife McMarl 5/11/09	MAM	mall	Date: 5/11/09
Witness: Date:	Witness:	McBrail	Date: 5/11/09

PATENT REEL: 022750 FRAME: 0713

**RECORDED: 05/29/2009**