# PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
Chad A. Mirkin	09/05/2007
Dwight Seferos	09/04/2007
David A. Giljohann	09/04/2007

## **RECEIVING PARTY DATA**

Name:	Northwestern University
Street Address:	633 Clark Street
City:	Evanston
State/Country:	ILLINOIS
Postal Code:	60208

## PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US0853603

## **CORRESPONDENCE DATA**

Fax Number: (312)474-0448

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: wsalgado@marshallip.com

Correspondent Name: Waleska Salgado

Address Line 1: 233 South Wacker Drive, Suite 6300

Address Line 4: Chicago, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	30938/27022R/PCT
NAME OF SUBMITTER:	Shelley C. Danek

**Total Attachments: 6** 

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> PATENT REEL: 021621 FRAME: 0733

#### ASSIGNMENT

Serial No:

60/900.648

Filed:

February 9, 2007

Title:

Particles for Detecting Intracellular Targets

For good and sufficient consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to NORTHWESTERN UNIVERSITY, 633 Clark Street, Evanston, Illinois 60208, its successors and assigns ("Assignee") the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States in said application and any and all other applications, both United States and foreign, which may be filed, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks and the foreign counterparts thereof to issue said Letters Patents to Assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number and title of said application when officially known.

Each the undersigned warrants that such undersigned is the owner of the interest herein assigned, has the right to make this assignment and that there are no prior assignments, licenses, or other rights in the interest herein assigned.

The undersigned hereby agrees, upon the request and at the expense of Assignee to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that Assignee may deem necessary or expedient, and upon the request of Assignee, in the event of any application or Letters Patent assigned herein becoming involved in an interference or opposition proceeding, to cooperate to the best of the ability of the undersigned with Assignee to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in Assignee whereby said Letters Patents will be held and enjoyed by Assignee to the full end of the term for which said Letters Patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made

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WITNESS my hand this	21	day of	_ May	, 2007
State of Jlino County of Cook	75	Chad A. Mir	an	
Notary Public in and for the County persons whose names are subscribe instrument as their free and voluntar	d to the foregoing instrume	red, to me person, and acknow	2007, b sonally known to vledged that they in expressed.	ecfore me, a be the same r executed said
My Commission Expires:  OFFICIAL SEAL SABINE STURM NOTARY PUBLIC - STATE OF MAIN MY COMMISSION EXPIRES 1286	12/08/10		Notary Pu	Sturn blic
WITNESS my hand this	_21	_ day of _	Mary	
State of TWNV County of Cook	<u> </u>	Dwight Scher	eros	
On this  Notary Public in and for the County a persons whose names are subscribed instrument as their free and voluntary WITNESS my hand and sea	and State aforesaid, appeare to the foregoing instrument act and for the uses and pu	, and acknowlerposes therein	nally known to be	fore me, a se the same executed said
My Commission Expires:	×2/03/10	Seil	Notary Publ	Us-halic
OFFICIAL SEAL SABINE STURM NOTARY PUBLIC - STATE OF MY COMMISSION EXPIRES:	121 Aurus   5			

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State of Illing David A. Giljoham

On this 1 day of 100, 2007, before me, a

Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: 12/05/10 Lalue Lfur Motary Public

OFFICIAL SEAL
SABINE STURM
NOTARY PUBLIC - STATE OF ELINOR
MY COMMISSION ELIPHER-1205/10

#### ASSIGNMENT

U.S. Serial No. 60/956,205

Filed. August 16, 2007

Tide: PARTICLES FOR DETECTING INTRACELLULAR TARGETS

For good and sufficient consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to NORTHWESTERN UNIVERSITY, 633 Clark Street, Evanston, Illinois 60208, its successors and assigns ("Assignee") the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Lement Patent of the United States in said application and any and all other applications, both United States and foreign, which may be filed, either safely or jointly with others, on said invention or improvements, and in any and all Lement Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any divisional, continuation, continuation-in-part, reissue, or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks and the foreign counterparts thereof to issue said Letters Patents to Assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

Each the undersigned warrants that such undersigned is the owner of the interest herein assigned, has the right to make this assignment and that there are no prior assignments, licenses, or other rights in the interest herein assigned.

The undersigned hereby agrees, upon the request and at the expense of Assignee to execute any and all divisional, communition, continuation-in-part and substitute applications for said invention or improvements, and any accessary each or affidavit relating thereto, and any application for the relasue or extension of any Letters Parent that may be granted upon said application, and any and all applications and other documents for Letters Parent in foreign countries on said invention or improvements, that Assignee may deem necessary or expedient, and upon the request of Assignee, in the event of any application or Letters Patent assigned herein becoming involved in an interference or opposition proceeding, to cooperate to the best of the ability of the undersigned with Assignee to perform upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and yest all rights therein hereby conveyed in Assignee whereby said Letters Patents will be held and enjoyed by Assignee to the full end of the term for which said Letters Patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made

WITNESS my head this	<u> 514</u>	day of September. 2	9007
State of TRICKS County of Cook	<u> </u>	Machad A. Mirkin	
On this SHA  Notary Public in and for the County and person whose name is subscribed to the linstrument as their free and voluctary act WITNESS my hand and seal the	State aforesaid, appeared, livegoing instrument, and rand for the uses and purp	acknowledged that they executed said	ie .
My Commission Explors;	2/2/10.	Salvie Str.	<u>-ئە</u>
OFFICIAL AL SABINE STUPIN NOTARY PUBLIC STATE OF MY COMMISSION EXPIRES:	ILLINCHS 12/05/10	COPICIAL SEAL SEME STURM HOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES: 12/05/10	]
WITHERS my hand this	YH2	day of <u>Septembe</u> , 20	07
State of TRIENTS County of COOKS	(	ight Selpring	2 
On this  On this  On this  On this  On this  On the County and S  person whose name is subscribed to the foliasumment as their free and voluntary set.  WITNESS my hand and seal the	tue aforesaid, appeared, a regoing instrument, and a and for the uses and purpo	o me personally known to be the same cknowledged that they executed said uses therein expressed.	
My Commission Expires: 1	<u> </u>	Sahi Stur Nolary Public	-L <sub>1-3</sub>
OFFICIAL SEAL SABINE STURM			

PATENT REEL: 021621 FRAME: 0738

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US Serial No. 60/956,205

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David A. Onlink Like 2007 before me, a Notary Public in and for the County and State aforesaid, appeared, to the personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary and said for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Chromission Expires:

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US Serial No. 60/956,205

**RECORDED: 10/02/2008** 

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