

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Murtaza F. Alibhai	12/21/2009
Zhihao Hu	12/02/2009
<b>RECEIVING PARTY DATA</b>	
Name:	LS9, Inc.
Street Address:	100 Kimball Way
City:	South San Francisco
State/Country:	CALIFORNIA
Postal Code:	94080
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12575427
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(617)526-5000
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	617-526-6000
Email:	Fay.Guarino@wilmerhale.com
Correspondent Name:	WILMERHALE/BOSTON
Address Line 1:	60 State Street
Address Line 4:	Boston, MASSACHUSETTS 02109
ATTORNEY DOCKET NUMBER:	2001235.00146 US2
NAME OF SUBMITTER:	Fay E. Guarino
Total Attachments: 6 source=Assignment; LS9; 146 US2#page1.tif source=Assignment; LS9; 146 US2#page2.tif source=Assignment; LS9; 146 US2#page3.tif	

OP \$40.00 12575427

**501048685**

**PATENT**  
**REEL: 023689 FRAME: 0396**

source=Assignment; LS9; 146 US2#page4.tif  
source=Assignment; LS9; 146 US2#page5.tif  
source=Assignment; LS9; 146 US2#page6.tif

### ASSIGNMENT BY INVENTOR

Whereas, we, **Murtaza F. Alibhai**, being a citizen of the United States of America, residing at 100 Kimball Way, So. San Francisco, California 94080 and **Zhihao Hu**, being a citizen of China, residing at 100 Kimball Way, So. San Francisco, California 94080; (hereinafter referred to as Assignors); are the inventors of certain new and useful inventions and discoveries, for which we have made an application for Letters Patent entitled **METHODS AND COMPOSITIONS FOR PRODUCING FATTY ALDEHYDES** which a utility patent application was filed in the United States Patent and Trademark Office on **October 7, 2009** and assigned Serial No. **12/575,427**; and

**WHEREAS, LS9, Inc.** whose address is 100 Kimball Way, South San Francisco, California 94080 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon;

NOW, THEREFORE, for and in consideration of good and valuable consideration furnished by ASSIGNEE to us, receipt and sufficiency of which we hereby acknowledge, without reservations, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all corresponding rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made;

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and

delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of their successors, legal representatives and assigns, shall advise; that any proceeding in connection with said inventions, or said Utility application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns;

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

WILMER CUTLER PICKERING HALE AND DORR LLP

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal.

Date: 12/21/07

M. F. Alibhai  
**Murtaza F. Alibhai**

On this 21 day of December, 2007 (Month/Year), **Murtaza F. Alibhai**, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

WITNESS:

B. S. Sulek

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal.

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

\_\_\_\_\_  
**Zhihao Hu**

On this \_\_\_\_\_ day of \_\_\_\_\_ (Month/Year), **Zhihao Hu**, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

WITNESS: \_\_\_\_\_

Name of Inventor: **MURTAZA F. ALIBHAI**

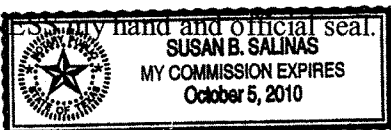
Inventor's signature *M. F. Alibhai* Date: 12/21/09

State of Texas )

County of Travis )

On December 21, 2009 before me, Murtaza F. ALIBHAI personally appeared **MURTAZA F. ALIBHAI**, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing is true and correct.

WITNESS my hand and official seal.  


*[Signature]*  
 Notary Public

Name of Inventor: **ZHIHAO HU**

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

State of \_\_\_\_\_ )

County of \_\_\_\_\_ )

On \_\_\_\_\_, 2009 before me, \_\_\_\_\_ personally appeared **ZHIHAO HU**, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing is true and correct.

WITNESS my hand and official seal.

\_\_\_\_\_  
 Notary Public

WILMER CUTLER PICKERING HALE AND DORR LLP

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal.

Date:

12/02/09

\_\_\_\_\_  
**Murtaza F. Alibhai**

On this \_\_\_\_ day of \_\_\_\_\_ (Month/Year), **Murtaza F. Alibhai**, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

WITNESS: \_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal.

Date:

12/02/09

\_\_\_\_\_  
**Zhihao Hu**

On this 02 day of December 2009 (Month/Year), **Zhihao Hu**, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

WITNESS: \_\_\_\_\_

Name of Inventor: **MURTAZA F. ALIBHAI**

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_  
State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

On \_\_\_\_\_, 2009 before me, \_\_\_\_\_ personally appeared **MURTAZA F. ALIBHAI**, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing is true and correct.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public

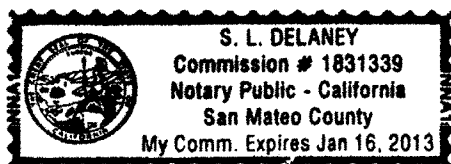
Name of Inventor: **ZHIHAO HU**

Inventor's signature \_\_\_\_\_ Date: 12/02/09  
State of California )  
County of San Mateo )

On 12/2, 2009 before me, S. L. Delaney personally appeared **ZHIHAO HU**, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing is true and correct.

WITNESS my hand and official seal.



S. L. Delaney  
Notary Public