FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 Lega Star P08Á/REV02

## 12-01-1999

Docket No.: 48506

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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Tab settings -To the Honorable Commissioner of Patents and Trademarks, riease record the disconditional documents or copy thereof. MRD 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Kashinath Sadalapure 11 - 26-49 Name: LeukoSite, Inc. Address: 215 First Street ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Assignment Merger City: Cambridge Security Agreement Change of Name State/Prov: MA Country: USA ☐ Other Execution Date: 11/2/99 Additional name(s) & address(es) ☐ Yes ☑ No 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date B. Patent No.(s) 09/347,087 July 2, 1999 1/29/1999 YGTZAN 00000010 09347087 08 FC:581 40.00 OP ☐ Yes 🛛 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Peter F. Corless 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Dike, Bronstein, Roberts & Cushman, LLP Authorized to be charged to deposit account 130 Water Street 8. Deposit account number: City: Boston State/Prov.: MA 04-1105 ZIP: 02109 Country: USA DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Peter F. Corless (Reg. No. 33,860) Name of Person Signing Signature

Total number of pages including cover sheet, attachments, and

REEL: 010400 FRAME: 0650

## **ASSIGNMENT**

WHEREAS, We, Mukund Shankar Chorghade, inventor residing at 14 Carlson Circle, Natick Massachusetts, 01760, a citizen of USA; Mukund Keshao Gurjar, inventor residing at Quarter #D-II/5, N.C.L. Campus, Dr. Homi J.Bhabha Road, Pune 411008, India, a citizen of India; Palakodety Radha Krishna, inventor residing at F-205, Radha Enclave, 92A, Snehapuri Colony Nacharam, Hyderabad, 500 076, India, a citizen of India; Sista Venkata Sai Lalitha, inventor residing at 1333 Floyd Avenue, Sunnvvale, California 94087, a citizen of India: Kashinath Sadalapure, inventor residing at PO-Sarasamba, Taluka Aland, Dt. Gulbarga, 585 103, India, a citizen of India; Susanta Sekhar Adhikari, inventor residing at Dt. Midnapur Pingla, West Bengal, India, a citizen of India; Andappan Murugaiah Subbaiah Murugaiah, inventor residing at Pudukkottai St., Saidabad, Tamilnadu 622 302, India, a citizen of India; Sunil Vyankatesh Mhaskar, inventor residing at 26 Village Brook Lane, Natick, Massachusetts 01760, a citizen of India; Gangavaram Vasantha Madhava Sharma, inventor residing at 2-2-3/3/8, Shivam Road, Prashanth Nagar, Vidyanagar, Hyderabad 500 044, India, a citizen of India; Tangallapally Rajendra **Prasad**, inventor, 2-442-314/A Excise Colony, Hanamakonda, Warangal 506 001, India, a citizen of India; Punna Sreenivas, inventor residing at 17-26, BNR Colony, Deverakaonda, Nalgonda 508 248, India, a citizen of India; Vavilala Goverdhan Reddy, inventor residing at Konapur, Wangur, Mahabubnagar, 509 349, India, a citizen of India; Aminul Islam, inventor residing at H.No. 1-121/164, VST Colony, Nacharam, Hyderabad, 500 076, India, a citizen of India; Chittineni Hari Prasad, inventor residing at H. No. 6-133 Sri Sai Nagar Colony. Saroor Nagar, Hyderabad, 500 035, India, a citizen of India, and Alla Venkata Rama Rao, inventor residing at AVRA 7-102/54, Sai Enclave Habsiguda, Hyderabad, 500 007, India, a citizen of India; (together, hereinafter referred to as "Assignors"), have invented certain new and useful improvements in "Methods For Synthesis Of Substituted Tetrahydrofuran Compound", for which an application for United States Letters Patent with the same title has been filed with the United States Patent and Trademark Office, under application number 09/347,087 and a filing date of July 2, 1999 and

WHEREAS, LeukoSite, Inc., located at 215 First Street, Cambridge, Massachusetts 02142, (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the same invention, and in and to the said application, and any Letters Patent that may issue thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest for the United States in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, and all applications claiming priority therefrom; and the Assignors hereby authorize and request the

Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as their interest is concerned, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors also have sold, assigned, and transferred, and do hereby sell, assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest in and to the invention disclosed in said application, in all countries of the world foreign to the United States, including the right to file applications and obtain patents for said invention in its own name in said countries and including all rights of priority in said countries under the terms of any applicable international convention; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

The Assignors also hereby grant the law firm of Dike, Bronstein, Roberts & Cushman LLP 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 documents.

IN WITNESS W	HEREOF, the Assignors hav	e caused this Assignment to be executed.
Dated this	day of	, 1999.
		Mukund Shankar Chorghade
Dated this	day of	, 1999.
		Mukund Keshao Guriar

Dated this	day of		, 1999.
			Palakodety Radha Krishna
Dated this	day of		, 1999.
			Sista Venkata Sai Lalitha
Dated this 2nd	day of	November	, 1999. Sacht
			Kashinath Sadalapure
Dated this	day of		, 1999.
			Susanta Sekhar Adhikari
Dated this	_ day of _		, 1999.
		Anda	ppan Murugaiah Subbaiah Murugaiah
Dated this	_ day of _		, 1999.
			Sunil Vyankatesh Mhaskar

Dated this	day of	, 1999.	
		Gangavaram Vasantha Madhava Sharma	
Dated this	day of	, 1999.	
		Tangallapally Rajendra Prasad	
Dated this	day of	, 1999.	
		Punna Sreenivas	
Dated this	day of	, 1999.	
		Vavilala Goverdhan Reddy	
Dated this	day of	, 1999.	
		Aminul Islam	
Dated this	day of	, 1999.	
		Chittineni Hari Prasad	
Dated this	day of	, 1999.	
		Alla Venkata Rama Rao	

## **CERTIFICATE**

Pers	sonally appeare	d before me the	above-named	d Mukund Sh	ankar Chorghade, v	who
signed the f	foregoing Assig	nment in my pre	esence on the	date thereof	and acknowledged	the same
to be his vo	luntary act and	deed.				

GAZETTED OFFICER or NOTARY PUBLIC

Personally appeared before me the above-named Mukund Keshao Gurjar, who signed the foregoing Assignment in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.

GAZETTED OFFICER or NOTARY PUBLIC

Personally appeared before me the above-named Palakodety Radha Krishna, who signed the foregoing Assignment in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.

GAZETTED OFFICER or NOTARY PUBLIC

Personally appeared before me the above-named Sista Venkata Sai Lalitha, who signed the foregoing Assignment in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.

GAZETTED OFFICER or NOTARY PUBLIC

Personally appeared before me the above-named Kashinath Sadalapure, who signed the foregoing Assignment in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.

GAZETTED OFFICER

or Dr. Thisba . K. Lindhorst

NOTAR Universität Hamburg Institut für Organische Chemie

Martin-Luther-King-Platz 6
D - 20146 Hamburg

Personally appeared before me the above-named Susanta Sekhar Adhikari, who signed the foregoing Assignment in my presence on the date thereof and acknowledged the same to be

his voluntary act and deed.

GAZETTED OFFICER or NOTARY PUBLIC

Personally appeared before me the above-named Andappan Murugaiah Subbaiah Murugaiah, who signed the foregoing Assignment in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.

GAZETTED OFFICER or NOTARY PUBLIC

Personally appeared before me the above-named Su the foregoing Assignment in my presence on the date thereo his voluntary act and deed.	•
	GAZETTED OFFICER
	or NOTARY PUBLIC
Personally appeared before me the above-named Gasharma, who signed the foregoing Assignment in my prese acknowledged the same to be his voluntary act and deed.	<del>-</del>
	GAZETTED OFFICER
	or
	NOTARY PUBLIC
Personally appeared before me the above-named Ta signed the foregoing Assignment in my presence on the dat to be his voluntary act and deed.	• • • • • • • • • • • • • • • • • • • •
	GAZETTED OFFICER
	or
	NOTARY PUBLIC
Personally appeared before me the above-named Pu foregoing Assignment in my presence on the date thereof ar voluntary act and deed.	

GAZETTED OFFICER or NOTARY PUBLIC

Personally appeared before me the above-named Vavilala Goverdhan Reddy, who signed the foregoing Assignment in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.

GAZETTED OFFICER
or
NOTARY PUBLIC

Personally appeared before me the above-named Aminul Islam, who signed the foregoing Assignment in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.

GAZETTED OFFICER
or
NOTARY PUBLIC

Personally appeared before me the above-named Chittineni Hari Prasad, who signed the foregoing Assignment in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.

GAZETTED OFFICER
or
NOTARY PUBLIC

Personally appeared before me the above-named Alla Venkata Rama Rao, who signed the foregoing Assignment in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.

GAZETTED OFFICER
or
NOTARY PUBLIC

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RECORDED: 11/26/1999