504636775 11/10/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4683493

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SACHIN ARUN SASANE	11/09/2017
DEVENDRAKUMAR PARAMSUKH VARMA	11/09/2017
RAJESH HARISHANKAR VYAS	11/09/2017
NANDU BABAN BHISE	11/09/2017
GIRIJ PAL SINGH	11/09/2017
KRISHNAT HANMANT KUMBHAR	11/09/2017

RECEIVING PARTY DATA

Name:	LUPIN LIMITED	
Street Address:	KALPATARU INSPIRE, 3RD FLOOR	
Internal Address:	OFF WESTERN EXPRESS HIGHWAY, SANTACRUZ (EAST)	
City:	MUMBAI	
State/Country:	INDIA	
Postal Code:	400 055	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15573082

CORRESPONDENCE DATA

Fax Number: (612)332-9081

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 612-336-5300

Email: kwebber@merchantgould.com

Correspondent Name: RYAN C. SMITH **Address Line 1:** P.O. BOX 2903

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

ATTORNEY DOCKET NUMBER:	11336.0259FPWO
NAME OF SUBMITTER:	RYAN C. SMITH
SIGNATURE:	/Ryan C. Smith/
DATE SIGNED:	11/10/2017

PATENT 504636775 REEL: 044747 FRAME: 0955

Total Attachments: 6

source=2017-11-09_Signed-Assignment_11336-0259FPWO#page1.tif source=2017-11-09_Signed-Assignment_11336-0259FPWO#page2.tif source=2017-11-09_Signed-Assignment_11336-0259FPWO#page3.tif source=2017-11-09_Signed-Assignment_11336-0259FPWO#page4.tif source=2017-11-09_Signed-Assignment_11336-0259FPWO#page5.tif source=2017-11-09_Signed-Assignment_11336-0259FPWO#page6.tif

PATENT REEL: 044747 FRAME: 0956

47A, Nande Village, Taluka Mulshi, Pune 412 115, Maharashtra, India a citizen of India; endrakumar Paramsukh VARMA residing at Lupin Limited (Research), 46A/47A, Nande Village, Taluka Mulshi, Pune 412 115, Maharashtra, a and a citizen of India:	
47A, Nande Village, Taluka Mulshi, Pune 412 115, Maharashtra, India a citizen of India; endrakumar Paramsukh VARMA residing at Lupin Limited (Research), 46A/47A, Nande Village, Taluka Mulshi, Pune 412 115, Maharashtra, a and a citizen of India:	
1. Sachin Arun SASANE residing at Lupin Limited (Research Park). 46A/47A, Nande Village, Taluka Mulshi, Pune 412 115, Maharashtra, India and a citizen of India; 2. Devendrakumar Paramsukh VARMA residing at Lupin Limited (Research Park), 46A/47A, Nande Village, Taluka Mulshi, Pune 412 115, Maharashtra, India and a citizen of India; 3. Rajesh Harishankar VYAS residing at Lupin Limited (Research Park), 46A/47A, Nande Village, Taluka Mulshi, Pune 412 115, Maharashtra, India and a citizen of India; 4. Nandu Baban BHISE residing at Lupin Limited (Research Park), 46A/47A, Nande Village, Taluka Mulshi, Pune 412 115, Maharashtra, India and a citizen of India; 5. Girij Pal SINGH residing at Lupin Limited (Research Park), 46A/47A, Nande Village, Taluka Mulshi, Pune 412 115, Maharashtra, India and a citizen of India; 6. Krishnat Hanmant KUMBHAR residing at Lupin Limited (Research Park), 46A/47A, Nande Village, Taluka Mulshi, Pune 412 115, Maharashtra, India and a citizen of India;	
ein called "THE UNDERSIGNED") have made an invention and have uted an application for Letters Patent of the United States entitled OCESS FOR THE PREPARATION OF EFINACONAZOLE and sh: is the national stage application of International Application No. PCT/IB2016/052667 filed on 10 May 2016: claims priority to Indian Patent Application No. 1875/MUM/2015 filed on 12 May 2015; will be filed without this executed PATENT ASSIGNMENT. THE UNDERSIGNED hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Merchant & Gould PC, who are associated with customer number 23552, to insert here in parenthesis (U.S. Serial No. 15/573,082 filed 9 November 2017) this application's U.S. Serial Number and filing date, when known; was filed on and was given U.S. Serial No. or is filed concurrently herewith;	

FPAA05459 11336.0259FPWO

be filed with the application.

Name of Corporation

AND <u>LUPIN LIMITED</u> (herein called "ASSIGNEE"), a corporation organized under the laws of <u>India</u>, and having an office and place of business at <u>Kalpataru</u> Inspire. 3rd Floor, Off Western Express Highway, Santacruz (East). Mumbai 400 055, India

State or Country of Incorporation and Address

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for all countries in and to the invention disclosed in the aforesaid application and all the right(s) to claim priority thereto, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in all countries for Letters Patent on the said invention including as assignment of all rights under the provisions of the International Convention, and all Letters Patent of all countries which may be granted therefrom; and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & data Note: No legalization or other witness required			
Name: Sachin Arun SASANE	Signature:	Que -	Date: 09/11/2017
Name: <u>Devendrakumar</u> Paramsukh VARMA	Signature:	G/Vanna	Date: @/11/2017

Name: <u>Rajosh Harishankar</u> VYAS	Signature	Date: 09/11/2017
Name: Nandu Baban BHISE	Signature:	Date: 09/11/2017
Name: Girij Pal SINGH	Signature: (MX)	Date: 03/11/2017
Name: Krishnat Hanmant KUMBHAR	Signature:	Date:

INSTRUCTIONS	ASSIGNMENT TO CORPORATION		
	WHEREAS,		
Instanton of Marinia			
Inventor(s) Name, Address, Citizenship	i. Sachin Arun SASANE residing at Lupin Limited (Research Park), 46A/47A, Nande Village, Taluka Mulshi, Pune, 412,115, Maharashtra, India		
	and a citizen of India:		
est 8	 Devendrakumar Paramsukh VARMA residing at Lupin Limited (Research Park), 46A/47A, Nande Village, Taluka Mulshi, Pune 412 115, Maharashtra. 		
	India and a citizen of India;		
	Rajesh Harishankar YYAS residing at Lupin Limited (Research Park), 46A/47A, Nande Village, Taluka Mulshi, Pune 412 115, Maharashtra, India and a cirizen of India;		
en e	Nandu Bahan BHISE residing at Lupin Limited (Research Park), 46A/47A, Nande Village, Taluka Mulshi, Pune 412 115, Maharashura, India and a		
	citizen of <u>India:</u> 5. <u>Girij Pal SINGH</u> residing at <u>Lupin Limited (Research Park), 46A/47A</u> ,		
	Nande Village, Taluka Mulshi, Pune 412 115, Maharashtra, India and a citizen of India;		
	 Krishnat Hanmant KUMBHAR residing at Lupin Limited (Research Park), 46A/47A, Nande Village, Taluka Mulshi, Pune 412 115, Maharashtra, India 		
	and a citizen of <u>India;</u>		
and the second s			
Check the appropriate box and fill in the requested information:	(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States entitled PROCESS FOR THE PREPARATION OF EFINACONAZOLE and		
select the first check box if the application is a	which:		
national stage of a PCT	NOTE to be a superconduction of the supercond		
application and provide the international	is the national stage application of International Application No. PCT/IB2016/052667 filed on 10 May 2016;		
application number and filing date before sending	claims priority to <u>Indian</u> Patent Application No. <u>1875/MUM/2015</u> filed on <u>12 May 2015</u> ;		
the assignment for	will be filed without this executed PATENT ASSIGNMENT.		
execution;	THE UNDERSIGNED hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Merchant & Gould PC,		
 select the second check box if the application will 	who are associated with customer number 23552, to insert here in parenthesis (U.S. Serial No. 15/573,082 filed		
be filed without the executed assignment -	9 November 2017) this application's U.S. Serial Number and filing date, when known;		
once the assignment is	was filed on and was given U.S. Serial Nocor		
executed and the serial	is filed concurrently herewith;		
number and filing date of the U.S. application are			
known, provide this			
information before recordation;			
select the third check box			
if the application was			
previously filed and provide the serial number			
and filing date before			
sending the assignment for execution; or			
i i prima managan na pangan na jaga i Basa. Inggan managan na pangan na jaga i Basa.			

select the fourth check

	**		
box if the application will be filed with the application.			
Name of Corporation	AND <u>LUPIN LIMITED</u> (herein called "ASSIGNEE"), a corporation organize under the laws of <u>India</u> , and having an office and place of business at <u>Kalpatari</u> Inspire, 3rd Floor, Off Western Express Highway, Santacruz (East), Mumbai 400 055, India		
State or Country of Incorporation and Address	wishes to acquire the entire right, title and interest in patent application and any Letters Patent to be obtain		
	NOW, THEREPORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for all countries in and to the invention disclosed in the aforesaid application and all the right(s) to claim priority thereto, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in all countries for Letters Patent on the said invention including as assignment of all rights under the provisions of the International Convention, and all Letters Patent of all countries which may be granted therefrom; and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.		
	THE UNDERSIGNED hereby agree that THE UND executors and legal representatives will make, executharge but at the expense of the ASSIGNEE) any an writing including any and all further application papered other documents, and will communicate to said and representatives all facts known to THE UNDER invention and the history thereof and will testify in a generally do all things which may be necessary or de ASSIGNEE, its successors or assigns the entire right the said invention, applications, Letters Patent, right and advantages hereby sold, assigned and conveyed,	the and deliver (without all other instruments in ters, affidavits, assignments ASSIGNEE, its successors SIGNED relating to said all legal proceedings and esirable to vest the t, title and interest in and to s, titles, benefits, privileges	
	THE UNDERSIGNED represent and agree with said and assigns, that no assignment grant, mortgage, lice affecting the rights and property herein conveyed ha others by THE UNDERSIGNED, and that full right herein expressed is possessed by THE UNDERSIGNED.	d ASSIGNEE its successors onse or other agreement is been or will be made to to convey the same as NED.	
	IN TESTIMONY WHEREOF, THE UNDERSIGNI hand on the dates indicated below.	iD have hereunto set their	
Each inventor must sign & date Note: No legalization or other witness required			
Name: Sachin Arun SASANE	Signature:	Date:	
Name: <u>Devendrakumar</u> Paramsukh VARMA	Signature:	Date:	

Name: Rajesh Harishankar VYAS	Signature:	Date:
Name: Nandu Baban BHISE	Signature:	Date:
Name: <u>Girij Pal SINGH</u>	Signature:	Date:
Name: <u>Krishnat Hanmant</u> KUMBHAR	Signature: Humbhad	Date: 09/11/2017

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