Docket No.: RLL-293US

FORM PTO-1595 (Modified) RECORDATION F (Rev. 03-01)	RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE	
OND No. 2054 2027 (ave 5/24/2022)	PATENTS ONLY Patent and Trademark Office	
Tab settings → → → ▼	▼ ▼ ▼	
To the Director of the United States Patent and Trademark Of	fice: Please record the attached original documents or copy thereof.	
Name of conveying party(ies):     Anita MEHTA	Name and address of receiving party(ies):	
Bruhaspathy MIRIYALA Sudershan Kumar ARORA	Name: Ranbaxy Laboratories Limited	
Jang Bahadur GUPTA	Address: 19, Nehru Place	
Additional names(s) of conveying party(ies)		
3. Nature of conveyance:		
☑ Assignment		
☐ Security Agreement ☐ Change of Name	City: New Delhi State/Prov.: Delhi	
☐ Other	Country: India ZIP: 110019	
Execution Date: 4/17/03; 4/18/03; 1/22/06; and 1/25/06	Additional name(s) & address(es)	
4. Application number(s) or patent numbers(s):		
If this document is being filed together with a new application	n, the execution date of the application is:	
Patent Application No. Filing date	B. Patent No.(s)	
10/552,456		
AVI JUMSTUN		
Additional numbers		
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved:	
Name: Jayadeep R. Deshmukh, Esq.	7. Total fee (37 CFR 3.41):\$ 40.00	
Registration No. 34,507	□ Enclosed - Any excess or insufficiency should be	
Address: Ranbaxy Inc.	credited or debited to deposit account	
600 College Road East, Suite 2100	Authorized to be charged to deposit account	
	8. Deposit account number:	
City: Princeton State/Prov.: NJ	50-0912	
Country: USA ZIP: 08540	(Attach duplicate copy of this page if paying by deposit account)	
	T USE THIS SPACE	
<ol> <li>Statement and signature.</li> <li>To the best of my knowledge and belief, the foregoing inform of the original document.</li> </ol>	mation is true and correct and any attached copy is a true copy	
George E. Heibel	February 2, 2006	
Name of Person Signing  Total number of pages including	Signature Date	
rotal number of pages including	eover sheet, attachments, and	

Jang Bahadur GUPTA

I ocket No. RLL-293

# ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

This is an Assignment of the following right	s, title and interest (chec	call that apply):
<u>√</u> United States of America rights.	title and interest in the	nvention
$\sqrt{}$ Indian rights, title and interest in	the invention	
√ Foreign (non-Indian, non-Unite	d States) rights, title and	interest in the
invention		
United States Patent Application	on Serial No.	
Date of Execution:		
United States Provisional Pater		
United States Patent No(s).		TT::11361/61390
International (PCT) Patent	Application Serial No. r	1/1803/01265
Other (specify)		
SUBSTITUTED AZABICYCLO HEXAN		
Inventors (assignors)  Name	Addr	
Name		
Anita MEHTA	756 Old Checker Ro Buffalo Grove, IL 60	
Bruhaspathy MIRIYALA	1731 Anderson Road	00 001
	Apartment # 45 Oxford, MS 38655 U	3A
Sudershan Kumar ARORA	Tapovan Housing Sc NDA Road, Baudhar	

- 1 -

411029 Pune, Maha ashtra India

The Entente 803

5-15 Koyocho Naka Higashinada-Ku Kobe 6580032 Japa :

> PATENT REEL: 017231 FRAME: 0850

# Assignce

Name	Addı ess
Ranbaxy Laboratories Limited	19, Nehru Place New Delhi – 110019 India

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred o as "Invention");

And, whereas we desire to assign our above-identified right, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt of which is hereby acknowledged;

We hereby assign, sell and transfer our above-identified right; title and interest in said invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, treaty right, and other benefits accruing or to accrue to us with respect to the filing of applications 6 r patents or securing of patents in the United States and countries foreign thereto, unto sail Assignee;

We hereby covenant that the rights and property conveyed by this Assignment are free and clear of any encumbrance, and that we have full right to convey the rights and property as expressed herein;

And we hereby authorize and request the Commissioner o' Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention, and any other patent-issuing authority to issue any such Letters Patent which may issue for said Invention, directly to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissues or reexaminations of any Letters Patent which may be granted for the aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

And we further agree, when requested, without further charge to Assignee but at its expense, to communicate to Assignee or its representatives all facts known to us regarding the aforesaid Invention and improvements, testify in any legal proceeding, sign all papers, make all rightful oaths or declarations, and generally perform all acts, which may be necessary, desirable or convenient, to aid Assignee in securing, maintaining and enforcing patents for the aforesaid inventions and improvements in the aforesaid countries, and for vesting title thereto in Assignee.

#### Inventors' Signatures

Name	Signature	Date
Anita MEHTA		
Bruhaspathy MIRIYALA	Micrally	April 17, 2003
Sudershan Kumar ARORA		
Jang Bahadur GUPTA		

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissues or reexaminations of any Letters Patent which may be granted for the aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

And we further agree, when requested, without further charge to Assignee but at its expense, to communicate to Assignee or its representatives all facts known to us regarding the aforesaid Invention and improvements, testify in any legal proceeding, sign all papers, make all rightful oaths or declarations, and generally perform all acts, which may be necessary, desirable or convenient, to aid Assignee in securing, maintaining and enforcing patents for the aforesaid inventions and improvements in the aforesaid countries, and for vesting title thereto in Assignee.

# Inventors' Signatures

-----

Name	Signature	Date
Anita MEHTA		
Bruhaspathy MIRIYALA		
Sudershan Kumar ARORA	·	
Jang Bahadur GUPTA	Implome	April 18,03

# ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

# SUBSTITUTED AZABICYCLO HEXANE DERIVATIVES AS MUSCARINIC RECEPTOR ANTAGONISTS

# Inventors (assignors)

Name	Address
Anita MEHTA	756 Old Checker Road Buffalo Grove, IL 60089 USA
Bruhaspathy MIRIYALA	1731 Anderson Road Apartment # 45 Oxford, MS 38655 USA
Sudershan Kumar ARORA	Tapovan Housing Society, Plot No. 11 NDA Road, Baudhan 411029 Pune, Maharashtra India
Jang Bahadur GUPTA	The Entente 803 5-15 Koyocho Naka Higashinada-Ku Kobe 6580032 Japan

# Assignee

Name	Address
Ranbaxy Laboratories Limited	19, Nehru Place New Delhi – 110019, India

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt of which is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, treaty rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

We hereby covenant that the rights and property conveyed by this Assignment are free and clear of any encumbrance, and that we have full right to convey the rights and property as expressed herein;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention, and any other patent-issuing authority to issue any such Letters Patent which may issue for said Invention, directly to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissues or reexaminations of any Letters Patent which may be granted for the aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

And we further agree, when requested, without further charge to Assignee but at its expense, to communicate to Assignee or its representatives all facts known to us regarding the aforesaid Invention and improvements, testify in any legal proceeding, sign all papers, make all rightful oaths or declarations, and generally perform all acts, which may be necessary, desirable or convenient, to aid Assignee in securing, maintaining and enforcing patents for the aforesaid inventions and improvements in the aforesaid countries, and for vesting title thereto in Assignee.

### Inventors' Signatures

Name	Signature	Date
Anita MEHTA	-	
Bruhaspathy MIRIYALA		
Sudershan Kumar ARORA	Suarra.	Jan. 25, 2006
Jang Bahadur GUPTA		

# ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

RANBAXY IP

This is an Assignment of the following rights, title and interest (check all that apply):	
$\sqrt{}$ United States of America rights, title and interest in the invention	
$\sqrt{}$ Indian rights, title and interest in the invention	
Foreign (non-Indian, non-United States) rights, title and interest in the invention	
United States Patent Application Serial No	
Date of Execution: Date of Filing:	
United States Provisional Patent Application Serial No	
United States Patent No(s)	
International (PCT) Patent Application Serial No. PCT/1B03/01288	
Other (specify)	
Title of the Invention:	

# SUBSTITUTED AZABICYCLO HEXANE DERIVATIVES AS MUSCARINIC RECEPTOR ANTAGONISTS

Inventors (assignors)

Name	Address
Anita MEHTA	756 Old Checker Road Buffalo Grove, IL 60089 USA
Bruhaspathy MIRIYALA	1731 Anderson Road Apartment # 45 Oxford, MS 38655 USA
Sudershan Kumar ARORA	Tapovan Housing Society, Plot No. 11 NDA Road, Baudhan 411029 Pune, Maharashtra India
Jang Bahadur GUPTA	The Entente 803 5-15 Koyocho Naka Higashinada-Ku Kobe 6580032 Japan

PATENT REEL: 017231 FRAME: 0857

# Assignee

Name	Address
Ranbaxy Laboratories Limited	19, Nehru Place New Delhi – 110019, India

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt of which is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, treaty rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

We hereby covenant that the rights and property conveyed by this Assignment are free and clear of any encumbrance, and that we have full right to convey the rights and property as expressed herein;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention, and any other patent-issuing authority to issue any such Letters Patent which may issue for said Invention, directly to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissues or reexaminations of any Letters Patent which may be granted for the aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

And we further agree, when requested, without further charge to Assignee but at its expense, to communicate to Assignee or its representatives all facts known to us regarding the aforesaid Invention and improvements, testify in any legal proceeding, sign all papers, make all rightful oaths or declarations, and generally perform all acts, which may be necessary, desirable or convenient, to aid Assignee in securing, maintaining and enforcing patents for the aforesaid inventions and improvements in the aforesaid countries, and for vesting title thereto in Assignee.

### Inventors' Signatures

Name	Signature	Date
Anita MEHTA	A Khula	01/22/06
Bruhaspathy MIRIYALA	•	•
Sudershan Kumar ARORA		
Jang Bahadur GUPTA		