## Transcript of the Testimony of Paul Laskar

Date: March 25, 2016

**Case:** Innpharma Licensing, Inc., et al. v. Senju Pharmaceutical Co., LTD., et al.



Ace-Federal Reporters, Inc.

Phone: 202-347-3700 Fax: 202-737-3638

Email: info@acefederal.com Internet: www.acefederal.com





		Page 1
1	IN THE UNITED STATES PATENT AND TRADEMARK OFFICE	
2	BEFORE THE PATENT TRIAL AND APPEAL BOARD	
3	Case IPR2015-00902 (Patent 8,669,290 B2)	
4	Case IPR2015-00903 (Patent 8,129,431 B2)1	
5		
6	INNOPHARMA LICENSING, INC., )	
7	INNOPHARMA LICENSING LLC, )	
8	INNOPHARMA INC., INNOPHARMA LLC, )	
9	MYLAN PHARMACEUTICALS INC., )	
10	and MYLAN INC.,	
11	Petitioner, )	
12	v. )	
13	SENJU PHARMACEUTICAL CO., LTD., )	
14	BAUSCH & LOMB, INC., and )	
15	BAUSCH & LOMB PHARMA HOLDINGS )	
16	CORP.,	
17	Patent Owner. )	
18	)	
19	VIDEOTAPED DEPOSITION OF PAUL LASKAR, PH.D.	
20	Friday, March 25, 2016, 8:19 a.m.	
21	Charlotte, North Carolina	
22	Court Reporter: Nancy J. Martin, California CSR, RM	R



### Innpharma Licensing, Inc., et al. v. Senju Pharmaceutical Co., LTD., et al.

	Page 2			F	Page 4
1	Deposition of PAUL LASKAR, PH.D., a witness	1	INDEX	•	
2	called on behalf of Patent Owner, before Nancy J.	2	WITNESS/EXAMINATION		Page
3	Martin, Notary Public, in and for the state of	3	PAUL LASKAR, PH.D.		1 age
4	North Carolina, at Alston & Bird, 101 South Tryon	4		1, 185	
5	Street, Suite 4000, Charlotte, North Carolina, on	5	•	165	
6	Friday, March 25, 2016, commencing 8:19 a.m.	6	- J	. 02	
7		7	EXHIBITS		
8	-oOo-	8	No. Description P	Page	
9	APPEARANCES	9	Exhibit 2264 Patent Owner's Notice of		12
10		10	Cross-Examination of		
11	ON BEHALF OF THE PATENT OWNER:	11	Dr. Paul A. Laskar, Ph.D.,		
12	FINNEGAN, HENDERSON, FARABOW, FARRABOW,	12	IPR2015-00902 (Patent 8,699	9,290 B2)	
13	GARRETT & DUNNER, LLP.	13	4 pages		
14	JUSTIN J. HASFORD, ESQUIRE	14	Exhibit 2265 Patent Owner's Notice of	of 1	12
15	BRADLEY J. MOORE	15	Cross-Examination of		
16	901 New York Avenue NW	16	Dr. Paul A. Laskar, Ph.D.,		
17	Washington, D.C. 20001	17	IPR2015-00903 (Patent 8,129	9,431 B2)	
18	(202) 408-4000	18	4 pages		
19		19	Exhibit 2266 Deposition transcript of	Clayton	119
20		20	Heathcock, Ph.D. taken		
21		21	February 19, 2016, 273 pages	5	
22		22			
	Page 3			F	Page 5
1	Page 3 APPEARANCES (CONTINUED):	1	EXHIBITS	F	Page 5
2	APPEARANCES (CONTINUED):	1 2		Page	Page 5
2	•			Page	Page 5
2 3 4	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:	2 3 4	No. Description	Page	
2 3 4 5	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP	2 3	No. Description Exhibit 2267 Reply Expert Report of	Page	
2 3 4 5 6	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP JITENDRA "JITTY" MALIK, PH.D., ESQUIRE	2 3 4	No. Description  Exhibit 2267 Reply Expert Report of Stephen G. Davies, D. Phil,	Page	
2 3 4 5 6 7	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP JITENDRA "JITTY" MALIK, PH.D., ESQUIRE H. JAMES ABE, ESQUIRE	2 3 4 5	No. Description  Exhibit 2267 Reply Expert Report of Stephen G. Davies, D. Phil,	Page f I	
2 3 4 5 6 7 8	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP JITENDRA "JITTY" MALIK, PH.D., ESQUIRE H. JAMES ABE, ESQUIRE 4721 Emperor Boulevard	2 3 4 5 6	No. Description Exhibit 2267 Reply Expert Report of Stephen G. Davies, D. Phil, 25 pages	Page f 1	134
2 3 4 5 6 7 8 9	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP JITENDRA "JITTY" MALIK, PH.D., ESQUIRE H. JAMES ABE, ESQUIRE 4721 Emperor Boulevard Suite 400	2 3 4 5 6 7	No. Description Exhibit 2267 Reply Expert Report of Stephen G. Davies, D. Phil, 25 pages  Exhibit 2268 Deposition transcript of	Page f 1	134
2 3 4 5 6 7 8 9	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP JITENDRA "JITTY" MALIK, PH.D., ESQUIRE H. JAMES ABE, ESQUIRE 4721 Emperor Boulevard Suite 400 Durham, North Carolina 27703	2 3 4 5 6 7 8	No. Description  Exhibit 2267 Reply Expert Report of Stephen G. Davies, D. Phil, 25 pages  Exhibit 2268 Deposition transcript of Robert C. Cykiert, M.D., tak	Page f 1 f 1 <sup>2</sup> ten es	134 41
2 3 4 5 6 7 8 9 10	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP JITENDRA "JITTY" MALIK, PH.D., ESQUIRE H. JAMES ABE, ESQUIRE 4721 Emperor Boulevard Suite 400	2 3 4 5 6 7 8 9	No. Description  Exhibit 2267 Reply Expert Report of Stephen G. Davies, D. Phil, 25 pages  Exhibit 2268 Deposition transcript of Robert C. Cykiert, M.D., tak February 26, 2016, 173 page	Page f 1 f 1 cen es and	134 41
2 3 4 5 6 7 8 9 10 11 12	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP JITENDRA "JITTY" MALIK, PH.D., ESQUIRE H. JAMES ABE, ESQUIRE 4721 Emperor Boulevard Suite 400 Durham, North Carolina 27703	2 3 4 5 6 7 8 9	No. Description Exhibit 2267 Reply Expert Report of Stephen G. Davies, D. Phil, 25 pages  Exhibit 2268 Deposition transcript of Robert C. Cykiert, M.D., tak February 26, 2016, 173 page Exhibit 2269 Assessing Antioxidant	Page f 1 f 1 cen es and	134 41
2 3 4 5 6 7 8 9 10 11 12 13	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP JITENDRA "JITTY" MALIK, PH.D., ESQUIRE H. JAMES ABE, ESQUIRE 4721 Emperor Boulevard Suite 400 Durham, North Carolina 27703 (919) 862-2210	2 3 4 5 6 7 8 9 10	No. Description Exhibit 2267 Reply Expert Report of Stephen G. Davies, D. Phil, 25 pages  Exhibit 2268 Deposition transcript of Robert C. Cykiert, M.D., tak February 26, 2016, 173 page Exhibit 2269 Assessing Antioxidant Prooxidant Activities of Pherogenetics 1988 Properties 1988 Proper	Page f 1  f 12  cen es and nolic	134 41
2 3 4 5 6 7 8 9 10 11 12 13 14	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP JITENDRA "JITTY" MALIK, PH.D., ESQUIRE H. JAMES ABE, ESQUIRE 4721 Emperor Boulevard Suite 400 Durham, North Carolina 27703 (919) 862-2210  ALSO PRESENT:	2 3 4 5 6 7 8 9 10 11	No. Description  Exhibit 2267 Reply Expert Report of Stephen G. Davies, D. Phil, 25 pages  Exhibit 2268 Deposition transcript of Robert C. Cykiert, M.D., tak February 26, 2016, 173 page  Exhibit 2269 Assessing Antioxidant Prooxidant Activities of Pherocompounds, 8 pages	Page f 1  f 12  cen es and nolic	134 41 148
2 3 4 5 6 7 8 9 10 11 12 13	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP JITENDRA "JITTY" MALIK, PH.D., ESQUIRE H. JAMES ABE, ESQUIRE 4721 Emperor Boulevard Suite 400 Durham, North Carolina 27703 (919) 862-2210	2 3 4 5 6 7 8 9 10 11 12 13	No. Description Exhibit 2267 Reply Expert Report of Stephen G. Davies, D. Phil, 25 pages  Exhibit 2268 Deposition transcript of Robert C. Cykiert, M.D., tak February 26, 2016, 173 page Exhibit 2269 Assessing Antioxidant Prooxidant Activities of Pher Compounds, 8 pages Exhibit 2270 U.S. Patent 6,265,44 B	Page f 1  f 12  cen es and nolic	134 41 148
2 3 4 5 6 7 8 9 10 11 12 13 14 15	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP JITENDRA "JITTY" MALIK, PH.D., ESQUIRE H. JAMES ABE, ESQUIRE 4721 Emperor Boulevard Suite 400 Durham, North Carolina 27703 (919) 862-2210  ALSO PRESENT:	2 3 4 5 6 7 8 9 10 11 12 13 14	No. Description Exhibit 2267 Reply Expert Report of Stephen G. Davies, D. Phil, 25 pages  Exhibit 2268 Deposition transcript of Robert C. Cykiert, M.D., tak February 26, 2016, 173 page Exhibit 2269 Assessing Antioxidant Prooxidant Activities of Pher Compounds, 8 pages Exhibit 2270 U.S. Patent 6,265,44 B	Page f 1  f 12  cen es and nolic	134 41 148
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP JITENDRA "JITTY" MALIK, PH.D., ESQUIRE H. JAMES ABE, ESQUIRE 4721 Emperor Boulevard Suite 400 Durham, North Carolina 27703 (919) 862-2210  ALSO PRESENT:	2 3 4 5 6 7 8 9 10 11 12 13 14 15	No. Description Exhibit 2267 Reply Expert Report of Stephen G. Davies, D. Phil, 25 pages  Exhibit 2268 Deposition transcript of Robert C. Cykiert, M.D., tak February 26, 2016, 173 page Exhibit 2269 Assessing Antioxidant Prooxidant Activities of Pher Compounds, 8 pages Exhibit 2270 U.S. Patent 6,265,44 B	Page f 1  f 12  cen es and nolic	134 41 148
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP JITENDRA "JITTY" MALIK, PH.D., ESQUIRE H. JAMES ABE, ESQUIRE 4721 Emperor Boulevard Suite 400 Durham, North Carolina 27703 (919) 862-2210  ALSO PRESENT:	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	No. Description Exhibit 2267 Reply Expert Report of Stephen G. Davies, D. Phil, 25 pages  Exhibit 2268 Deposition transcript of Robert C. Cykiert, M.D., tak February 26, 2016, 173 page Exhibit 2269 Assessing Antioxidant Prooxidant Activities of Pher Compounds, 8 pages Exhibit 2270 U.S. Patent 6,265,44 B	Page f 1  f 12  cen es and nolic	134 41 148
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP JITENDRA "JITTY" MALIK, PH.D., ESQUIRE H. JAMES ABE, ESQUIRE 4721 Emperor Boulevard Suite 400 Durham, North Carolina 27703 (919) 862-2210  ALSO PRESENT:	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	No. Description Exhibit 2267 Reply Expert Report of Stephen G. Davies, D. Phil, 25 pages  Exhibit 2268 Deposition transcript of Robert C. Cykiert, M.D., tak February 26, 2016, 173 page Exhibit 2269 Assessing Antioxidant Prooxidant Activities of Pher Compounds, 8 pages Exhibit 2270 U.S. Patent 6,265,44 B	Page f 1  f 12  cen es and nolic	134 41 148
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP JITENDRA "JITTY" MALIK, PH.D., ESQUIRE H. JAMES ABE, ESQUIRE 4721 Emperor Boulevard Suite 400 Durham, North Carolina 27703 (919) 862-2210  ALSO PRESENT:	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	No. Description Exhibit 2267 Reply Expert Report of Stephen G. Davies, D. Phil, 25 pages  Exhibit 2268 Deposition transcript of Robert C. Cykiert, M.D., tak February 26, 2016, 173 page Exhibit 2269 Assessing Antioxidant Prooxidant Activities of Pher Compounds, 8 pages Exhibit 2270 U.S. Patent 6,265,44 B	Page f 1  f 12  cen es and nolic	134 41 148
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	APPEARANCES (CONTINUED):  ON BEHALF OF THE PETITIONER:  ALSTON & BIRD LLP JITENDRA "JITTY" MALIK, PH.D., ESQUIRE H. JAMES ABE, ESQUIRE 4721 Emperor Boulevard Suite 400 Durham, North Carolina 27703 (919) 862-2210  ALSO PRESENT:	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	No. Description Exhibit 2267 Reply Expert Report of Stephen G. Davies, D. Phil, 25 pages  Exhibit 2268 Deposition transcript of Robert C. Cykiert, M.D., tak February 26, 2016, 173 page Exhibit 2269 Assessing Antioxidant Prooxidant Activities of Pher Compounds, 8 pages Exhibit 2270 U.S. Patent 6,265,44 B	Page f 1  f 12  cen es and nolic	134 41 148

2 (Pages 2 to 5)

866-928-6509

Ace-Federal Reporters, Inc.

202-347-3700



	Page 6		Page 8
1	EXHIBITS	1	EXHIBITS
2	PREVIOUSLY MARKED AND REFERENCED HEREIN	ŀ	PREVIOUSLY MARKED AND REFERENCED HEREIN
3	No. Description Page	3	No. Description Page
4	Exhibit 1001 U.S. Patent 8,129,431 B2, 28	4	Exhibit 1093 U.S. Patent 5,474,760, 131
5	8 pages	5	12 pages
6	Exhibit 1001 U.S. Patent 8,669,290 B2, 28	6	Exhibit 1104 Reply Declaration of Paul A. 13
7	10 pages	7	Laskar, Ph.D., 20 pages
8	Exhibit 1004 U.S. Patent 4,910,225, 10 pages 59	8	Exhibit 1105 U.S. Patent 2003/0053956 A1, 101
9	Exhibit 1011 Patent Abridgment, Australian 41	9	23 pages
10	Patent Office, AU-B-22042/88,	10	
11	31 pages	11	Exhibit 1148 International Patent Application, 148
12		12	WO02/058610 A1, 66 pages
13		13	Exhibit 1153 U.S. Patent 5,512,270, 11 pages 174
14		14	Exhibit 2025 U.S. Patent 5,856,345, 7 pages 89
15		15	Exhibit 2082 Declaration of Robert O. 83
16		16	Williams III, Ph.D., 132 pages
17		17	Exhibit 2097 Dunbrow Reference 79
18		18	Exhibit 2105 Declaration of Stephen G. Davies, 54
19		19	D.Phil, 56 pages
20		20	Exhibit 2114 Deposition transcript of Paul A. 17
21		21	Laskar, November 4, 2015,
22		22	327 pages
	Page 7		Page 9
]	EXHIBITS	1	CHARLOTTE, NORTH CAROLINA, FRIDAY, MARCH 25, 2010
2	PREVIOUSLY MARKED AND REFERENCED HEREIN	2	8:19 A.M.
3	No. Description Page	3	00
4	Exhibit 1012 U.S. Patent 6,274,609 B1, 63	4	PROCEEDINGS
5	11 pages	5	THE VIDEOGRAPHER: We're now on the record.
6		6	Please note that the microphones are sensitive and may
7	Exhibit 1019 Comparing the Surface Chemical 51	7	pick up whispering and private conversations. Please
8	Properties and the Effect of	8	turn off all cell phones or place them away from the
9	Salts on the Cloud Point of a	9	microphones as they can interfere with the deposition
10	Conventional Nonionic Surfactant,	10	audio. Recording will continue until all parties
11	Octoxynol 9 (Triton X-100),	11	agree to go off the record.
12	and of Its Oligomer, Tyloxapol	12	This is the deposition of Dr. Paul A. Laskar
13	(Triton WR-1339), 7 pages	13	in the matter of Innopharma Licensing, Inc., v. Senju
14	Exhibit 1052 Curriculum Vitae of Paul A. 14	14	Pharmaceuticals Company, Ltd. These are Case
15	Laskar, Ph.D., 4 pages	15	Nos. IPR2015-00902 and IPR2015-00903 before the Patent
16	Exhibit 1079 Deposition transcript of 122	16	Trial and Appeal Board of the United States Patent and
17	Robert O. Williams III, Ph.D.,	17	Trademark Office.
18	taken March 9, 2016, 39 pages	18	This video deposition is being taken at
19	Exhibit 1091 U.S. Patent 3,272,700, 47	19	Alston & Bird, LLP., 101 South Tryon Street,
20	5 pages	20	Suite 4000, Charlotte, North Carolina. The time is
21	Exhibit 1092 U.S. Patent 6,165,445, 126	21	approximately 8:19 a.m. Today is March 25, 2015
22			





Page 10 Page 12 appearing on behalf of Ace Federal Reporters of MR. HASFORD: For the record, I'm handing 2 Washington, D.C. The videographer is Bruce Moody, Dr. Laskar and petitioner's counsel copies of 3 also appearing on behalf of Ace Federal Reporters of 3 Exhibits 2264 and 2265, which are Patent Owner's 4 Washington, D.C. 4 Notices of Cross-Examination of Dr. Paul A Laskar. 5 Counsel will please state their appearances 5 (Deposition Exhibits 2264 and 2265 6 for the record, and then the court reporter will swear 6 were marked for identification.) 7 in the witness. 7 MR. HASFORD: Counsel, can we stipulate that 8 MR. HASFORD: Justin Hasford of Finnegan on Dr. Laskar is here today pursuant to Exhibits 2264 and 9 9 behalf of patent owner, and with me is my colleague, 2265? 10 10 Bradley Moore, also of Finnegan. DR. MALIK: Yes. 11 DR. MALIK: Jitendra Malik of Alston & Bird. 11 MR. HASFORD: Counsel, can we also stipulate With me is my colleague, James Abe, also of Alston & 12 12 that the questions that I ask, unless otherwise 13 Bird, representing petitioner. 13 stated, apply equally to IPR2015-00902 and 14 14 IPR2015-00903? 15 15 PAUL LASKAR, PH.D., DR. MALIK: Yes. -902 and -903. 16 having been first duly sworn, 16 MR. HASFORD: Let the record reflect that we 17 was examined and testified as follows: 17 hereby invoke the rule on witnesses pursuant to 18 18 Federal Rule of Evidence 615 prohibiting the showing 19 THE WITNESS: I would just like to correct. of the transcript of this deposition or discussing any 19 I believe you used 2015. I think we're 2016 this 20 of its contents with Dr. Jayne Lawrence or any other 21 year. 21 witness for Lupin in connection with any 22 22 IPR proceeding involving Prolensa. Page 11 Page 13 **CROSS-EXAMINATION** 1 DR. MALIK: And your designation is noted. 2 BY MR. HASFORD: 2 We will follow the terms of the protective order. 3 Q. Good morning, Dr. Laskar. 3 MR. HASFORD: Thank you. 4 A. Good morning. 4 For the record, I'm handing Dr. Laskar and 5 Q. Would you please state your name and address 5 petitioner's counsel copies of Exhibit 1104 entitled 6 for the record. "Reply Declaration of Paul A. Laskar, Ph.D." 6 7 A. Sure. My name is Paul Laskar. I reside at 7 (Previously marked Exhibit 1104.) 8 603 Montecito Boulevard, Napa, California. 8 BY MR. HASFORD: 9 Q. Doctor, I represent the patent owner, Senju, 9 Q. Is Exhibit 1104 your "REPLY DECLARATION" 10 in these IPR proceedings. Today I will ask you 10 concerning U.S. Patent No. 8,129,431 and U.S. Patent questions, and all I ask is that you answer my 11 11 No. 8,669,290? 12 questions truthfully and accurately. If you need a 12 A. It certainly appears to be. 13 break, just let me know. But if a question is 13 Q. If I refer to U.S. Patent No. 8,129,431 as pending, please first answer the question, and then we 14 the "431 patent," will you understand what I mean? 15 can take a break. If for any reason you do not 15 A. I will. understand the question that I ask, please let me 16 Q. If I refer to U.S. Patent No. 8,669,290 as know. If you answer a question, I will assume that 17 17 "the '290 patent," will you understand what I mean? 18 you understood the question. Is that okay? 18 19 19 A. It is. Q. If I refer to Exhibit 1104 as your "reply 20 Q. Is there any reason why you cannot testify 20 declaration," will you understand what I mean? 21 truthfully and accurately today? 21 A. Yes, I will. 22 22 No, there's no reason. Q. You did not yourself actually write your

4 (Pages 10 to 13)

866-928-6509

Ace-Federal Reporters, Inc.

202-347-3700



# DOCKET

## Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## **Real-Time Litigation Alerts**



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## **Advanced Docket Research**



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## **Analytics At Your Fingertips**



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

#### API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

#### **LAW FIRMS**

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

#### **FINANCIAL INSTITUTIONS**

Litigation and bankruptcy checks for companies and debtors.

### **E-DISCOVERY AND LEGAL VENDORS**

Sync your system to PACER to automate legal marketing.

