UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

KOIOS PHARMACEUTICALS LLC,
Petitioner

v.

MEDAC GESELLSCHAFT FÜR KLINISCHE SPEZIALPRÄPARATE MBH, Patent Owner

> Case IPR2016-01370 Patent 8,664,231

Record of Oral Hearing Held: November 7, 2017

Before JACQUELINE WRIGHT BONILLA, *Vice Chief Administrative Patent Judge*, TONI R. SCHEINER, and ERICA A. FRANKLIN, *Administrative Patent Judges*.



Case IPR2016-01370 Patent 8,664,231

APPEARANCES:

ON BEHALF OF PETITIONER:

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ON BEHALF OF PATENT OWNER:

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and

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The above-entitled matter came on for hearing Tuesday, November 7, 2017, commencing at 10:00 a.m., at the U.S. Patent and Trademark Office, 600 Dulany Street, Alexandria, Virginia



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1	PROCEEDINGS
2	JUDGE BONILLA: Good morning. Please be seated. Just give us a
3	moment to get acclimated.
4	This is a hearing this morning for IPR2016-01370, between petitioner
5	Koios how do you pronounce that?
6	MR. NOROOZI: Koios.
7	JUDGE BONILLA: Koios, thank you. Pharmaceuticals LLC, and
8	also the owner of U.S. Patent No. 8,664,231, Medac, I'm just going to say
9	GmbH, rather than pronounce the entire German name. I apologize for that.
10	Just a few administrator matters before we begin. Just as a reminder,
11	if you are going to talk about any demonstratives today, please describe any
12	slide that you present by slide number. That will make it easier to read along
13	with the transcript and also for us to follow.
14	I understand that, petitioner, you're the only one that provided slides
15	today; is that correct?
16	MR. NOROOZI: Actually, patent owner.
17	JUDGE BONILLA: The patent owner. I'm sorry, my apologies.
18	So there was only you all that brought slides today?
19	MR. HALEY: That's right, your Honor. Would you like a book of
20	the slides or do you have them with your copies?
21	JUDGE BONILLA: And the court reporter would like a copy as well.
22	MR. HALEY: May I approach?
23	JUDGE BONILLA: Sure. Do you have enough copies for the court
24	reporter?
25	MR. HALEY: Yes. We've already given her one.
26	ILIDGE RONILLA: As you know her our hearing order, each narty



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- 1 has 45 minutes to present their arguments. Because the petitioner has the
- 2 burden to show unpatentability of the challenged claims, petitioner will
- 3 proceed first, followed by patent owner.
- 4 Petitioner, you may reserve rebuttal time. However, you may only
- 5 use that time to respond, to rebut patent owner's arguments that are made
- 6 here.
- At this time we'd like counsel to introduce themselves, who you have
- 8 with you, if anybody, beginning with petitioner.
- 9 MR. NOROOZI: Kayvan Noroozi, on behalf of Koios
- 10 Pharmaceuticals.
- MR. HALEY: Jim Haley, on behalf of Medac, and with me arguing
- today will be Brian Gummow from Haley Guiliano, Henry Huang from
- Ropes & Gray, and I also have Terry Shoemaker, who is CEO of Medac
- 14 Pharma, who's the licensee of the patent in dispute, and two of our
- paralegals from Ropes & Gray.
- 16 JUDGE BONILLA: Thank you. Petitioner, would you like to reserve
- any rebuttal time?
- MR. NOROOZI: Yes, I would, your Honor. I'd like to reserve 15
- 19 minutes, please.
- JUDGE BONILLA: All right. You may proceed.
- MR. NOROOZI: Your Honors, we're here today to talk about the
- 22 '231 patent, which has 22 claims and only one independent claim. The '231
- patent is directed to concentrated methotrexate solutions.
- And based on the institution order and the extensive briefing that you
- 25 received, it's clear that the board has a firm understanding of the patent and
- 26 the technology at issue, as well as the prior art. So my goal here is to focus



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1	today in this hearing on the core issues that remain in dispute.
2	And the dispute really here only remains with respect to patent owner
3	and its lawyers. Patent owner's expert, Dr. Zizic, gave a deposition in which
4	he ended up in fact agreeing with many of Koios' key positions as articulated
5	by Koios' experts, Dr. Schiff and Dr. Miller.
6	And, in fact, in some instances he even, Dr. Zizic, realized that he had
7	been operating under certain misunderstandings and and corrected those
8	during his testimony.
9	And so we began this proceeding with a very powerful evidentiary
10	showing, we believe, in our petition, and now we've come to the conclusion
11	of this proceeding with an even stronger showing.
12	Notably, Medac did not take the deposition of our experts, and we
13	took the deposition of Dr. Zizic, who was the only expert that we needed to
14	depose, in light of the cumulativeness of the declarations that patent owner
15	has put forth, as well as the specific testimony that Dr. Zizic offered.
16	Staying true to my promise about focusing this argument, there are 22
17	claims but only four of them are really in any dispute at this point. Those
18	are claims 1 through 3 and claim 22. And you'll see that when you look at
19	patent owner's slides and you open them up, you see in the first or second
20	page they only reference those four claims.
21	Claims 4 through 21 are not materially disputed by patent owner, but
22	we've, of course, made an extensive showing as to each limitation of those
23	claims, and I'm not by any means suggesting that if patent owner doesn't
24	dispute something then you have to assume that it's been sufficiently proven
25	in the record. We have made that showing and that's why patent owner
26	doesn't dispute it.



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