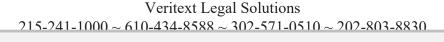
	Page 1
1	UNITED STATES PATENT AND TRADEMARK OFFICE
2	BEFORE THE PATENT TRIAL AND APPEAL BOARD
3	x
4	LIQUIDIA TECHNOLOGIES, INC. :
5	Petitioner :
6	vs. : IPR2020-0070
7	UNITED THERAPEUTICS : U.S. Patent No.
8	CORPORATION : 9,604,901
9	Patent Owner :
10	x
11	VIRTUAL VIDEOTAPED DEPOSITION OF: RODOLFO PINAL, Ph.D.
12	DATE: Wednesday, February 10, 2021
13	TIME: 11:09 a.m.
14	LOCATION: Remote Proceedings
15	REPORTED BY: Denise M. Brunet, RPR
16	Reporter/Notary
17	
18	
19	
20	Veritext Legal Solutions
21	1250 Eye Street, N.W., Suite 350
22	Washington, D.C. 20005



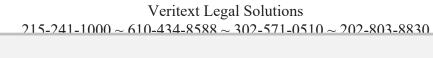


Page 2 APPEARANCES 1 2. 3 On behalf of Liquidia Technologies: 4 DEEPA KANNAPPAN, ESQUIRE Cooley, LLP 5 3175 Hanover Street 6 Palo Alto, California 94304 (650) 843-5673 8 9 dkannappan@cooley.com 10 11 SANYA SUKDUANG, ESQUIRE DOUGLAS CHEEK, ESQUIRE 12 13 Cooley, LLP 1299 Pennsylvania Avenue, Northwest 14 15 Washington, D.C. 20004 (202) 776-298216 17 ssukduanq@cooley.com 18 19 20 21 22 (Appearances continued on the next page.)





	Page 3		
1	APPEARANCES (continued):		
2			
3	On behalf of United Therapeutics Corporation:		
4	RICHARD TORCZON, ESQUIRE		
5	DOUG CARSTEN, ESQUIRE		
6	Wilson Sonsini		
7	1700 K Street, Northwest		
8	Washington, D.C. 20006		
9	(202) 973-8811		
10	rtorczon@wsgr.com		
11			
12	DANIEL R. SHELTON, ESQUIRE		
13	Foley & Lardner, LLP		
14	975 Page Mill Road		
15	Palo Alto, California 94304		
16	(650) 251-1119		
17			
18	ALSO PRESENT: Jeffrey Winkler		
19	Grace Winschel		
20	Samuel Francis, Videographer		
21	Josh Hoeppner, Concierge		
22	(All parties appearing remotely.)		





		Page 4
1	CONTENTS	
2	EXAMINATION BY:	PAGE
3	Counsel for Petitioner	6
4		
5	DEPOSITION EXHIBITS:	MARKED
6	2025 - Pinal declaration	32
7	1001 - U.S. patent 9,604,901	52
8	1005 - Decision in SteadyMed v. UTC	128
9		
10	(Exhibits attached to transcript.)	
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		



2.

PROCEEDINGS

THE VIDEOGRAPHER: Good morning. We're going on the record at 11:09 a.m. on
February 10th, 2021. This is the remote
video-recorded deposition of Dr. Rodolfo Pinal
taken in the matter of Liquidia Technologies,
Inc., petitioner, versus United Therapeutics
Corp., patent owner, filed in the United States
Patent and Trademark Office, before the Patent
Trial and Appeal Board, IPR number 2020-00770.

My name is Samuel Francis from the firm Veritext Legal Solutions. The court reporter is Ms. Denise Brunet from the firm Veritext Legal Solutions.

Will counsel please state their appearances and affiliations for the record.

MS. KANNAPPAN: This is Deepa Kannappan from Cooley, LLP on behalf of petitioner Liquidia Technologies. With me are Sanya Sukduang and Douglas Cheek, also of Cooley, LLP. And possibly joining is our expert, Dr. Jeffrey Winkler.

MR. TORCZON: And this is Richard Torczon



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.

