	Page 1
1	UNITED STATES PATENT AND TRADEMARK OFFICE
2	
3	BEFORE THE PATENT TRIAL AND APPEAL BOARD
4	
5	APPLE INC.
6	Petitioner
7	v.
8	QUALCOMM INCORPORATED
	Patent Owner
9	
10	Case No. IPR2018-01279
	Patent 7,844,037
11	
12	
13	
14	
15	DEPOSITION OF DR. NARAYAN B. MANDAYAM
16	Washington, DC
17	May 29, 2019
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20	
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22	
23	
24	Reported by: John L. Harmonson, RPR
25	Job No. 161231

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5	May 29, 2019		
6	9:03 a.m.		
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8			
9	Deposition of DR. NARAYAN B. MANDAYAM, held		
10	at the offices of Fish & Richardson PC, 1000		
11	Maine Avenue, SW, Washington, DC, pursuant to		
12	Notice, before John L. Harmonson, a Registered		
13	Professional Reporter and Notary Public of the		
14	District of Columbia, who officiated in		
15	administering the oath to the witness.		
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1 2	APPEARANCES
3	On Behalf of the Petitioner:
4	FISH & RICHARDSON
5	1180 Peachtree Street, NE
6	Atlanta, GA 30309
7	BY: THAD KODISH, ESQ.
8	SARA FISH, ESQ.
9	
10	
11	FISH & RICHARDSON
12	1717 Main Street
13	Dallas, TX 75201
14	BY: DAN SMITH, ESQ.
15	(via telephone)
16	
17	
18	
19	On Behalf of Patent Owner:
20	BAKER BOTTS
21	98 San Jacinto Boulevard
22	Austin, TX 78701
23	BY: PUNEET KOHLI, Ph.D.
24	BRIAN OAKS, ESQ.
25	

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1							
2	ALSO	PRESI	ENT:				
3		MIKE	TAVEIRA,	Qualcomm	(via	telephone)	
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