	Page 1
1	UNITED STATES PATENT AND TRADEMARK OFFICE
2	
3	BEFORE THE PATENT TRIAL AND APPEAL BOARD
	<del></del>
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
18	
19	
20	
21	
22	
23	
24	Reported by: John L. Harmonson, RPR
25	Job No. 161231



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Page 2
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5
                                 May 29, 2019
6
                                 9:03 a.m.
7
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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
     Professional Reporter and Notary Public of the
13
14
     District of Columbia, who officiated in
15
     administering the oath to the witness.
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Page 3
1
                    APPEARANCES
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```
Page 4
 1
 2
      ALSO PRESENT:
 3
            MIKE TAVEIRA, Qualcomm (via telephone)
 5
 6
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1	E X A M I N A T I O N I N D E X		
2			
3	WITNESS	PAGE	
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7			
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12	Exhibit 1003	15	
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14	Exhibit 1004	66	
15	U.S. Patent 6,301,338 (Mäkelä)		
16	Exhibit 1006	83	
17	U.S. Patent Application 2003/0104827		
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19	Exhibit 1007	84	
20	U.S. Patent Application 2004/0203956		
21	(Tsampalis)		
22	Exhibit 2004	134	
23	Excerpt from The Facts on File Dictionary		
24	of Computer Science		
25			



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