		1
1	UNITED STATES PATENT AND TRADEMARK OFFICE	
2	BEFORE THE PATENT TRIAL AND APPEAL BOARD	
3		
4	GOOGLE INC.,	
5	Petitioner,	
6	V.	
7	SMARTFLASH LLC,	
8	Patent Owner	
9		
10	Case CBM2015-00129	
11	Patent 7,942,317 B2	
12	Case CBM2015-00126	
13	Patent 8,118,221 B2	
14		
15	DEPOSITION OF JUSTIN DOUGLAS TYGAR, Ph.D.	
16	SAN FRANCISCO, CALIFORNIA	
17	TUESDAY, JANUARY 19, 2016,	
18	9:02 A.M.	
19		
20		
21		
22		
23	Job No. 101438	
24	Pages 1 - 209	
25	Reported by: Anne M. Torreano, CSR, RPR, CCRR, CLR	

Smart**X**ash - Exhibit 2105 Apple v. Smartflash CBM2015-00121



### Deposition of Justin Douglas Tygar, Ph.D. Conducted on January 19, 2016

		2
1	Deposition of JUSTIN DOUGLAS TYGAR, Ph.D.,	
2	held at the offices of:	
3		
4		
5	QUINN EMANUEL URQUHART & SULLIVAN LLP	
6	50 California Street, 22nd Floor	
7	San Francisco, California 94111	
8	(415)875-6600	
9		
10	Pursuant to Notice, before Anne M. Torreano,	
11	California Certified Shorthand Reporter #10520,	
12	Registered Professional Reporter, California Certified	
13	Realtime Reporter, Certified LiveNote Reporter.	
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### Deposition of Justin Douglas Tygar, Ph.D. Conducted on January 19, 2016

		3
1	APPEARANCES	
2	FOR THE PATENT OWNER:	
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# Deposition of Justin Douglas Tygar, Ph.D. Conducted on January 19, 2016

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### Deposition of Justin Douglas Tygar, Ph.D. Conducted on January 19, 2016

		5
1	TUESDAY, JANUARY 19, 2016; 9:02 A.M.	
2	JUSTIN DOUGLAS TYGAR, Ph.D.,	
3	having been duly sworn to tell the truth,	
4	testified as follows:	
5	EXAMINATION	
6	BY MR. CASEY:	
7	Q. State your name for the record.	
8	A. My name is Justin, J-u-s-t-i-n, Douglas,	
9	D-o-u-g-l-a-s, Tygar, T-y-g-a-r.	
10	Q. And your address?	
11	A. 1285 Alvarado, A-L-V-A-R-A-D-O, Road,	
12	Berkeley, California 94705.	
13	Q. Have you ever testified before?	
14	A. Yes.	
15	Q. When?	
16	A. I've testified a number of times.	
17	Q. Can you give me a have you ever testified	
18	before the Patent Office, in a proceeding before the	
19	Patent Office?	
20	A. Yes, I have.	
21	Q. And can you recall any of those proceedings?	
22	A. I'm not sure I can remember all of them. I	
23	think I've testified in between five to ten AIA	
24	proceedings.	
25	Q. Okay. Can you recall any of the other AIA	



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