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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	

SmartFlash - Exhibit 2105 Google v. SmartFlash

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<pre>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. 14 15 16 17 18 19 20 21 22</pre>	2
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Deposition of Justin Douglas Tygar, Ph.D. Conducted on January 19, 2016

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1		APPEARANCES	
2	FOR THE	PATENT OWNER:	
3		DAVIDSON BERQUIST JACKSON & GOWDEY	
4		BY: MICHAEL R. CASEY, Ph.D.	
5		8300 Greensboro Drive, Suite 500	
6		McLean, Virginia 22102	
7		(571) 765-7700	
8		mcasey@dbjg.com	
9			
10	FOR THE	PETITIONER:	
11		QUINN EMANUEL URQUHART & SULLIVAN LLP	
12		BY: KEVIN SMITH	
13		50 California Street, 22nd Floor	
14		San Francisco, California 94111	
15		(415) 875-6600	
16		kevinsmith@quinnemanuel.com	
17			
18		QUINN EMANUEL URQUHART & SULLIVAN LLP	
19		BY: ADAM BOTZENHART	
20		50 California Street, 22nd Floor	
21		San Francisco, California 94111	
22		(415) 875-6600	
23		adambotzenhart@quinnemanuel.com	
24			
25			
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Deposition of Justin Douglas Tygar, Ph.D. Conducted on January 19, 2016

1 EXAMINATION INDEX 2 JUSTIN DOUGLAS TYGAR, Ph.D. 3 BY MR. CASEY 4 5 6 PREVIOUSLY MARKED EXHIBITS REFE 8	
JUSTIN DOUGLAS TYGAR, Ph.D. BY MR. CASEY 4 5 6 7 PREVIOUSLY MARKED EXHIBITS REFE 8	
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BY MR. CASEY 4 5 6 7 PREVIOUSLY MARKED EXHIBITS REFE	PAGE
4 5 6 7 PREVIOUSLY MARKED EXHIBITS REFE 8	
5 6 7 PREVIOUSLY MARKED EXHIBITS REFE 8	5
6 7 PREVIOUSLY MARKED EXHIBITS REFE 8	
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9 EXHIBIT 1001 ('221 patent)	
10 EXHIBIT 1001 ('317 patent)	
11 EXHIBIT 1002 ('221 patent)	
12 EXHIBIT 1002 ('317 patent)	
13 EXHIBIT 1004 ('221 patent)	
14 EXHIBIT 1006 ('221 patent)	
15 EXHIBIT 1007 ('221 patent)	
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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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