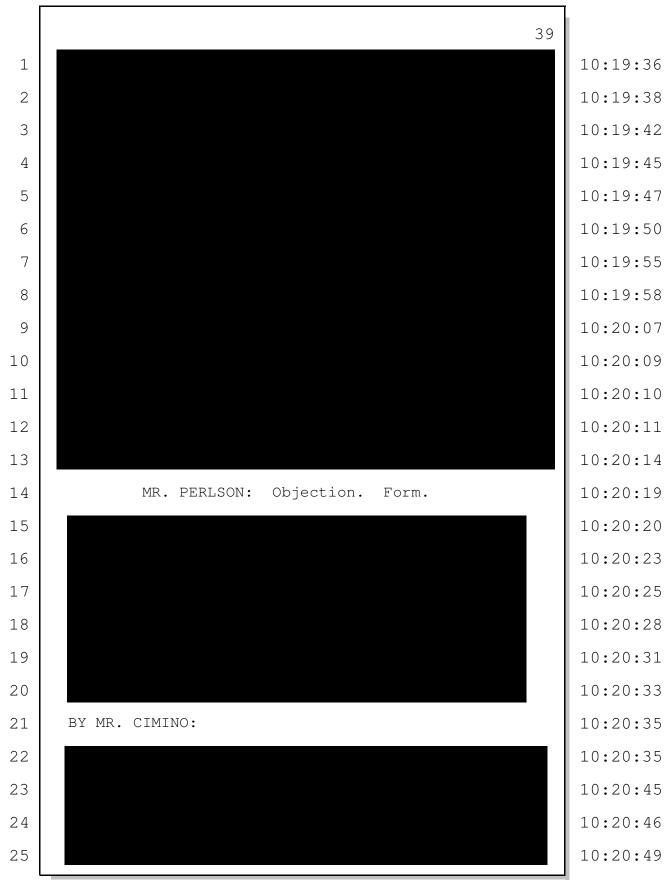
Exhibit 2 Public Version

Dockets.Justia.com

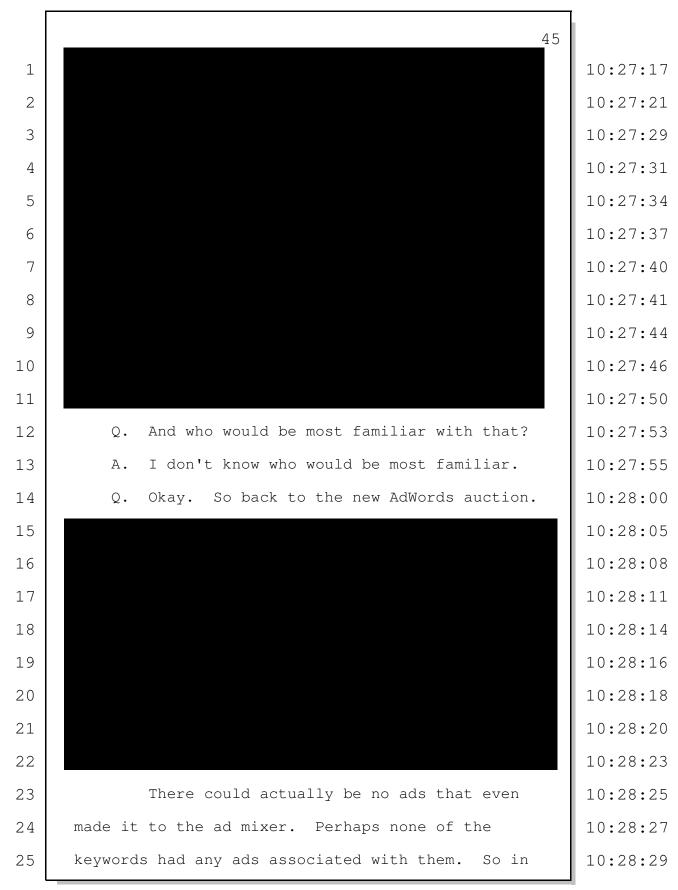
1 UNITED STATES DISTRICT COURT 1 2 EASTERN DISTRICT OF VIRGINIA 3 NORFOLK DIVISION 4 _____X 5 I/P ENGINE, INC., : 6 Plaintiff, : 7 : Civil Action No. v. 8 AOL, INC., et al., : 211-cv-512 9 Defendants. : 10 -----X 11 12 CONFIDENTIAL - OUTSIDE COUNSEL ONLY Videotaped Deposition of BARTHOLOMEW FURROW 13 14 Redwood Shores, California Friday, September 20, 2013 15 16 9:38 a.m. 17 18 19 20 21 22 Job No.: 44843 23 24 Pages: 1 - 214 25 Reported by: Diane S. Martin, CSR, CCRR

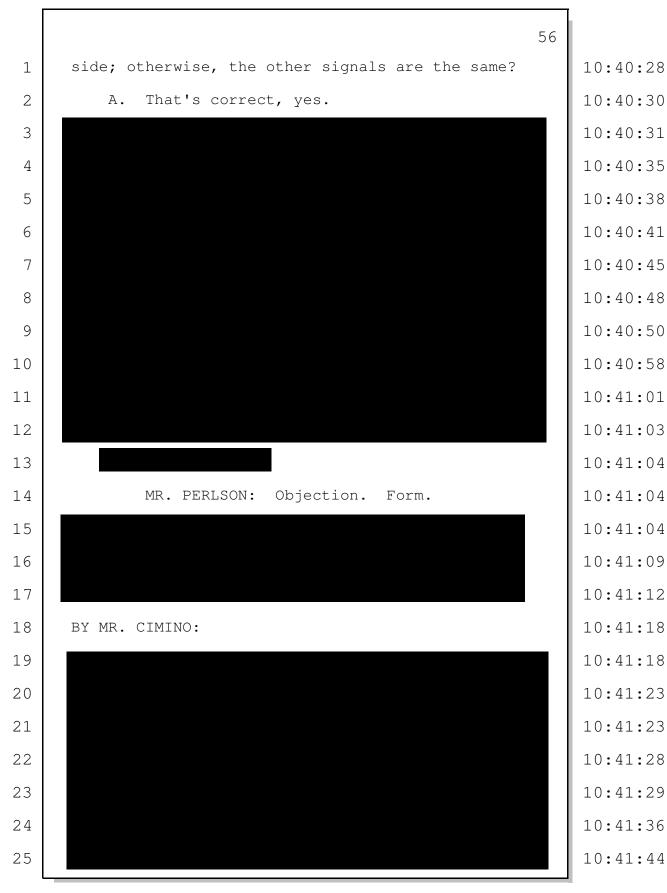
	38	
1	servers. We go to SmartAds after the creative	10:17:58
2	server. I think you said that was essentially the	10:18:04
3	same for new AdWords. And then to the ad mixer for	10:18:06
4	participation in the auction. I think that's where	10:18:10
5	you said that's where we have some new things going	10:18:12
6	on.	10:18:15
7	A. Right. Would you like me to describe them?	10:18:16
8	Q. That would be great.	10:18:20
9	A. Okay. The so in the old AdWords system,	10:18:22
10	as we're using the term, there would be this	10:18:28
11	promotion disabling step and this disabling step.	10:18:31
12	In the new system,	10:18:35
13		10:18:37
14	The step that happens the auction step	10:18:39
15	does happen. And in the auction step we have a	10:18:45
16		10:18:59
17		10:19:04
18		10:19:07
19		10:19:10
20		10:19:14
21		10:19:17
22		10:19:20
23		10:19:22
24		10:19:25
25		10:19:34
		1

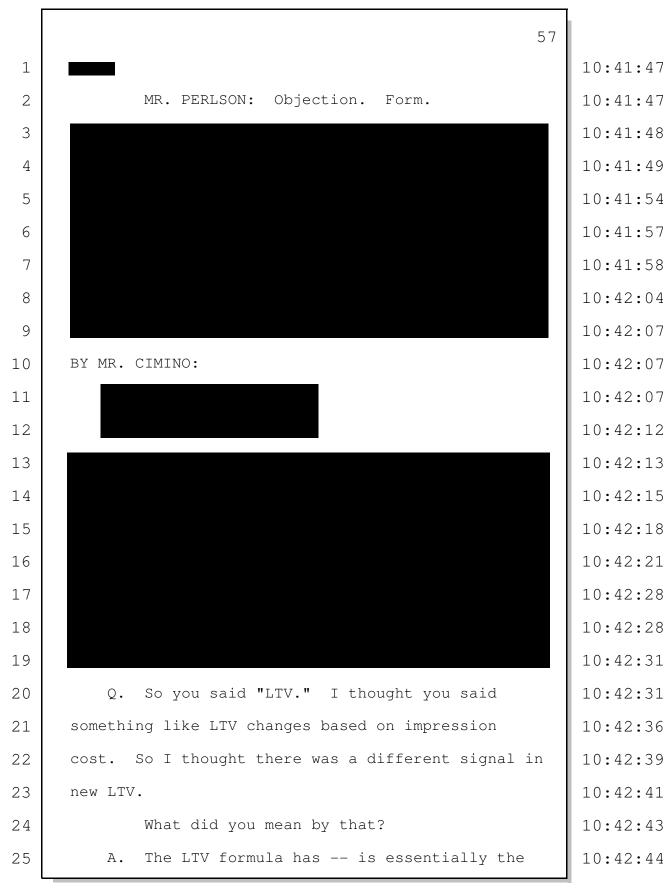


		40	
1			10:20:52
2			10:20:54
3	I should mention, because I believe I		10:20:55
4	mentioned it in the context of the old AdWords		10:20:58
5	system,		10:21:01
6			10:21:04
7			10:21:07
8	Q. That's still in place?		10:21:08
9	A. That's still in place.		10:21:09
10			10:21:10
11			10:21:18
12			10:21:22
13			10:21:26
14			10:21:26
15			10:21:28
16			10:21:30
17			10:21:30
18			10:21:31
19			10:21:33
20			10:21:38
21			10:21:38
22			10:21:41
23			10:21:41
24			10:21:43
25			10:21:50

	41	
1		10:21:52
2		10:21:56
3		10:21:57
4		10:22:01
5		10:22:05
6		10:22:08
7		10:22:09
8		10:22:09
9		10:22:11
10		10:22:15
11		10:22:18
12		10:22:26
13		10:22:29
14		10:22:32
15		10:22:34
16		10:22:36
17		10:22:41
18		10:22:42
19		10:22:44
20		10:22:48
21		10:22:56
22		10:23:01
23		10:23:05
24		10:23:06
25		10:23:08







65 BY MR. CIMINO: 11:06:14 1 2 Q. Okay. Going back to QBB. Has the strategy 11:06:14 11:06:22 3 behind having QBB in old AdWords, is that reflected 4 anywhere in new AdWords? 11:06:27 5 Α. The --11:06:30 MR. PERLSON: Objection. Form. 11:06:30 6 7 THE WITNESS: The strategy, as I understood 11:06:31 it, was it was a very sort of course, if you will, 11:06:34 8 filter to try to reduce the number of ads that 11:06:38 9 11:06:42 10 would make it to later in the process. 11:06:44 11 12 11:06:48 13 11:06:52 11:06:57 14 15 11:07:02 11:07:06 16 17 BY MR. CIMINO: 11:07:10 18 11:07:10 19 11:07:11 20 11:07:14 21 11:07:17 22 11:07:18 23 11:07:23 24 11:07:29 25 11:07:31

	79	
1		
2		
3		
4		
5	BY MR. CIMINO:	11:23:57
6	Q. For each auction in new AdWords,	11:23:57
7		11:24:00
8		11:24:08
9	MR. PERLSON: Objection. Form.	11:24:09
10		11:24:10
11		11:24:15
12		11:24:18
13		11:24:20
14	BY MR. CIMINO:	11:24:23
15	Q. So it's essentially the same signal; isn't	11:24:23
16	that right?	11:24:27
17	MR. PERLSON: Objection. Form.	11:24:27
18	THE WITNESS: LTV isn't a signal. It's a	11:24:28
19	score.	11:24:30
20	BY MR. CIMINO:	11:24:30
21	Q. Okay. The score represents the same	11:24:30
22	information about the ad; is that right?	11:24:35
23	A. It makes it makes use of the same inform	11:24:38
24	no. Sorry. Let me correct that.	11:24:40
25		11:24:42

	113	
1	And so we did it for the	12:16:23
2	right-hand side/bottom as well.	12:16:30
3	And in April we finished the oh, I beg	12:16:33
4	your pardon.	12:16:39
5		12:16:41
6		12:16:44
7		12:16:49
8		12:16:51
9		12:16:56
10		12:17:01
11	In that was before I provided my	12:17:03
12	written declaration.	12:17:05
13	And in July we	12:17:06
14		12:17:10
15		12:17:13
16		12:17:16
17		12:17:20
18	Q. I understand.	12:17:22
19	Desktop is regular AdWords?	12:17:22
20	A. I don't recall regular AdWords, but it's	12:17:25
21	ads shown on Google.com.	12:17:29
22	Q. Okay.	12:17:30
23	A. But for desktop browser or laptop, rather	12:17:31
24	than a mobile phone.	12:17:33
25	Q. Mobile, yep.	12:17:34

	130	
1		12:35:00
2		12:35:03
3		12:35:06
4	Q. But to your knowledge, no information as to	12:35:07
5	whether those were ads that in the prior system	12:35:12
6	would have been filtered out?	12:35:16
7	A. Right. To my knowledge that analysis	12:35:18
8	wasn't done, but it could have been.	12:35:21
9	Q. Okay. In paragraph 10, second sentence, it	12:35:22
10	says, "The auction predicted click-through rate,	12:35:25
11	advertisers' bid and other factors are used to	12:35:28
12	calculate LTV scores."	12:35:30
13	That's still correct for new AdWords?	12:35:32
14		12:35:37
15		12 : 35 : 40
16		12:35:43
17	But otherwise, yes.	12 : 35 : 46
18	Q. And the next sentence says, "LTV scores are	12:35:49
19	used to perform a variety of functions, including	12:35:57
20	ad ranking and pricing."	12:36:01
21	"Ad ranking" there is the auction?	12:36:05
22	A. Yes.	12:36:06
23	Q. Okay, if you look down to paragraph 12, I	12:36:06
24	think there might be an inaccuracy here.	12:36:09
25	"Google has modified the accused AdWords,	12:36:12