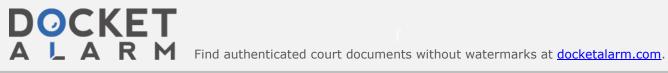
1	UNITED STATES DISTRICT COURT
2	CENTRAL DISTRICT OF CALIFORNIA - WESTERN DIVISION
3	HONORABLE MARIANA R. PFAELZER, U.S. DISTRICT JUDGE
4	
5	THE CALIFORNIA INSTITUTE OF TECHNOLOGY, )
6	Plaintiff/Counter-Defendant, )
7	vs. ) Case No. ) CV 13-7245 MRP (JEMx)
8	HUGHES COMMUNICATIONS, INC.; HUGHES ) NETWORK SYSTEMS, LLC; DISH NETWORK )
9	CORPORATION; DISH NETWORK, LLC; and ) DISHNET SATELLITE BROADBAND, LLC, )
10	) Defendants/Counter-Plaintiffs.)
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12	
13	REPORTER'S TRANSCRIPT OF CLAIMS CONSTRUCTION AND MOTION HEARING
14	WEDNESDAY, JULY 9, 2014 1:05 P.M.
15	LOS ANGELES, CALIFORNIA
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23	MYRA L. PONCE, CSR NO. 11544, RMR, CRR
24	FEDERAL OFFICIAL COURT REPORTER 312 NORTH SPRING STREET, ROOM 430
25	LOS ANGELES, CALIFORNIA 90012 (213) 894-2305



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1	WEDNESDAY, JULY 9, 2014; 1:05 P.M.
2	LOS ANGELES, CALIFORNIA
3	-000-
4	THE COURTROOM DEPUTY: Calling Item No. 1,
5	CV 13-7245 MRP, The California Institute of Technology versus
6	Hughes Communications, Inc., et al.
7	Counsel, please state your appearances.
8	MR. ASPERGER: Good afternoon, Your Honor. Jim
9	Asperger appearing on behalf of CalTech. With us from CalTech
10	are Jennifer Lum, Chantal D'Apuzzo, Hannah Dvorak-Carbone, and
11	Jennifer Shockro.
12	THE COURT: Fine. I say welcome to them all.
13	MR. JOHNSON: Good afternoon, Your Honor. Kevin
14	Johnson on behalf of CalTech.
15	MR. DeFRANCO: And, Your Honor, Ed DeFranco also on
16	behalf of CalTech.
17	MR. TUNG: Mark Tung on behalf of CalTech.
18	MR. HUANG: Eric Huang on behalf of CalTech.
19	THE COURT: All right.
20	MR. LEE: Good afternoon, Your Honor. Bill Lee from
21	Wilmer Hale with Aaron Thompson and Richard Goldenberg and Jim
22	Dowd for Hughes. And with us are Dean Manson and Kim Jessett
23	from Hughes.
24	THE COURT: All right. Please.
25	That was that was very helpful yesterday.



MR. JOHNSON: Thank you, Your Honor. Again, Kevin Johnson. And we plan on starting, as we discussed yesterday, with -- by going back and forth and starting with the "repeat" term. And I'm going to begin by addressing Your Honor's question. And just so -- so we're all on the same page, of course there are -- and we've handed out slides, Your Honor, to -- to Your Honor as well as to the clerk and to the court reporter.

THE COURT: All right.

MR. JOHNSON: So there are four CalTech patents involved in this lawsuit. And I'm at Slide 2. And there are six terms that are the subject of discussion for today. And I'm going to start with the "repeating" term. And I'm going to answer Your Honor's question first, and then I'll discuss the competing constructions and the intrinsic evidence with respect to the "repeating" term.

And, Your Honor, from the CalTech's side, the idea is that I will deal with the "repeat" term, the "transmission" term, and the "codeword" terms. And then my partner Mr. DeFranco will deal with the balance of the terms.

THE COURT: The indefiniteness.

MR. JOHNSON: That's right. The Tanner graph, the equation, and "combined."

THE COURT: That's fine.

MR. JOHNSON: So, Your Honor, the Court posed the



following question at Slide 5. "If the term 'repeat' were 1 2 construed to require duplication of bits, would this construction necessarily exclude from the scope of the claims 4 the LDGM embodiment described in column 3, lines 51 to 59, of U.S. Patent No. 7,116,710?" THE COURT: I raised this, frankly, yesterday. 6 7 MR. JOHNSON: Right. Right. And the answer is that assuming that "duplication" means "re-use," the LDGM embodiment 8 is not excluded. It would be covered by the definition of 9 "repeating." 10 11 THE COURT: I know that. 12 MR. JOHNSON: However, if -- if Hughes contends that 13 "duplication" means something other than "re-use," if it means 14 copying bits, it's still going to be a disputed issue as to 15 whether the LDGM is covered or not. And let me explain why. 16 THE COURT: I said to you yesterday, you want to 17 include in the meaning of the term that alternate embodiment. 18 MR. JOHNSON: That's correct, Your Honor. THE COURT: Yes. 19 MR. JOHNSON: And that's because a person skilled in 20 21 the art reading the patent and the specification and the claims 22 would understand that the term "repeat" has to cover everything 23 that -- all of the embodiments that's disclosed in the patent. 24 THE COURT: Quite so. MR. JOHNSON: And so it has to disclose and has to 25



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