

June 6, 2017

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BY ELECTRONIC MAIL

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Re: *Twilio v. TeleSign Corp.*, No. 5:16-CV-06925-LHK (N.D. Cal.)  
TeleSign's Preliminary Claim Constructions and Extrinsic Evidence  
pursuant to Patent L.R. 4-2

Dear Wayne,

In accordance with Patent Local Rule 4-2, TeleSign proposes the following preliminary constructions of the claim terms/phrases of U.S. Patent Nos. 8,306,021; 8,837,465 and 8,755,376 ("asserted patents") that were exchanged on May 15, 2017, attached as Exhibit A.

Pursuant to Patent Local Rule 4-2(b), TeleSign may offer opinions from Dr. Seth Nielson in connection with the interpretation of claim terms. Dr. Nielson's curriculum vita is attached as Exhibit B. Dr. Nielson may provide his testimony in the form of one or more declarations submitted with TeleSign's claim construction briefing. Dr. Nielson, for example, is expected to provide opinions regarding:

1. the construction of the disputed claim terms;
2. his qualifications as an expert;
2. the definition and qualifications of one of ordinary skill in the art in the context of the asserted patents;
3. an overview of the technology in the asserted patents (including the background and context of the technology) at the time the patents were filed;
4. regarding the terms "REST API" / "representational state transfer (REST) API" / "REST API request": (a) a person of ordinary skill would be uncertain as to the meaning or scope of this term; and (b) the patent specification does not reasonably convey to a person of ordinary skill that the inventors had possession of the claimed subject matter, including the foregoing terms, as of the filing date of the patent;

5. regarding the term “substantially REST API,” a person of ordinary skill would be uncertain as to the meaning or scope of this term; and
6. rebuttal opinions to constructions and opinions offered by Twilio or its experts.

TeleSign reserves the right to supplement these preliminary constructions based on: Twilio’s proposed constructions; the meet and confer session required under Patent Local Rule 4-2(c); and the Local Rules.

Best regards,



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Daniel M. Staren

Cc: Counsel of Record, including [jay.schiller@bakerbotts.com](mailto:jay.schiller@bakerbotts.com);  
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dmsu  
Encl.

# Exhibit A

**Exhibit A** – TeleSign’s Preliminary Claim Constructions of U.S. Patent Nos. 8,306,021; 8,837,465, and 8,755,376 (“a

No.	Term	Claim(s) No. <sup>1</sup>	Proposed Construction	Intrinsic Evidence Prosecuti
<b>TeleSign’s Proposed Terms</b>				
1.	“[alter the] state of the call router”	’021, Claim 1	<i>alter the state of the “telephony session” by modifying call router resources</i>	The ’021 patent, at 59; 8:60-9:4; 9:4-9:40-46; 9:46-59; 11:54-65; 15:46-47.
2.	“API request”	’376, Claim 1	<i>a request sent to the call router “REST API”</i>	The ’021 patent, at 54; 8:54-59; 8:60-9:40-46; 15:46-47.  The ’376 patent, cl 24-25.
3.	API resource URI” / “specified resource URI” / “addressable Uniform Resource Identifier (URI)”	’021, Claim 1; ’376, Claim 1	No construction necessary.	
4.	“application server” / “application	’021, Claim 1; ’465, Claim 1; ’376, Claim 1	<i>a server that sends “API requests” and provides data processing logic to generate the recited</i>	The ’021 patent, at 1:63-2:23; 2:25-41; 3:44-53; 3:54-57;

<sup>1</sup> For brevity, only the independent claims are listed for TeleSign’s proposed terms.  
<sup>2</sup> The asserted patents share the same specification. For ease of reference, the citations herein correspond to

No.	Term	Claim(s) No. <sup>1</sup>	Proposed Construction	Intrinsic Evidence Prosecuti
	resource”		“response”/“application response”	<p>4:31-52; 4:52-57; 6:38-47; 6:49-7:3 7:9:32; 9:33-11:15; 12:64; 12:65-13:14:15-15:47.</p> <p>The '021 patent, cla</p> <p>The '465 patent, cla and 22-26.</p> <p>The '376 patent, cla 24.</p> <p>TW_00010429-104; TW_00010465-104; TW10487, The '02 dated 04-02-2009; application, dated 01-16, Paras. 5-12, 127.</p> <p>TW_00011021-110; application, Non-fi 04-26-2012, at p. 1 (“Matter”).</p> <p>TW_11085-11093, application, Claim Arguments/Remarks Amendment, both</p>

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