Appendix F – Claim Chart for US Patent No. 12,279,116 Against Accused Cisco Products

Based on information presently available, Damaka Inc. ("Damaka") contends that Cisco Systems, Inc. ("Cisco" or "Defendants") infringes Claims 1, 9-13, 16-24, 26-29, 37-40, 43-51, and 53-54 (the "Asserted Claims")of U.S. Patent No. 12,279,116 (the "'116 Patent") through the Accused Products which are manufactured, sold, offered for sale, used, imported into the United States, and/or exported from the United States by Cisco.

The Accused Products comprise all versions and variants of the Webex Application and Webex SDKs[1], including, but not limited to, Webex for iOS, Webex for Android, Webex for Tablet, Webex for Web Browser, Webex for the Windows operating system, Webex for the Mac operating system, and Webex for Linux that are made, used, sold, offered for sale, imported into the United States, and/or exported from the United States or otherwise provided, after May 30, 2019. Damaka reserves the right to amend this list of Accused Products as discovery progresses.

Cisco directly infringes each of the Asserted Claims by using, importing, testing, selling, offering for sale, importing into the United States, and/or exporting from the United States the Accused Products in violation of 35 U.S.C. § 271(a).

Cisco indirectly infringes the Asserted Claims in violation of 35 U.S.C. § 271(b) by inducing third parties, including Cisco's customers and end-users, to directly infringe through their operation and use of the Accused Products. Cisco has knowingly and intentionally induced this direct infringement by, *inter alia*, manufacturing, selling, distributing, and/or otherwise making available the Accused Products, and providing instructions, documentation, and other information to customers and end-users suggesting that they use the Accused Products in an infringing manner, including technical support, marketing, product manuals, advertisements, and online documentation. Cisco's marketing and promotional materials for the Accused Products are found, for example, on the Webex website (https://www.webex.com/). For example, the Webex website instructs customers to, among other things, use the services in the Accused Products. *See* https://www.Webex.com/frequently-asked-questions. The Webex website also offers support to customers, including instruction on, among other things, how to operate their products. On information and belief, Cisco knows that its actions will result in infringement of the Asserted Claims, or subjectively believes that there is a high probability that its actions will result in infringement of the Asserted Claims but has taken deliberate actions to avoid learning these facts.

Cisco also contributorily infringes each of the Asserted Claims in violation of 35 U.S.C. § 271(c) by selling, importing, offering for sale, and otherwise providing the Accused Products, which when used by third parties, such as customers and end-users, directly infringe the Asserted Claims. The Accused Products constitute a material part of the Asserted Claims, are not staple articles or commodities of commerce, have no substantial non-infringing uses, and are known by Cisco to be especially made or adapted for use in the infringement of the '116 Patent. On information and belief, Cisco knows that its actions will result in infringement of the Asserted Claims, or subjectively believes that there is a high probability that its actions will result in infringement of the Asserted Claims but has taken deliberate actions to avoid learning these facts.

On information and belief, the charted version of the Webex application and Webex SDK is representative of all the Accused Products as functional equivalents of all claims exist in iOS, Android, and "Web."[2]

Damaka does not concede that any claims of the '116 Patent that are not listed below are not infringed by the identified Accused Products. Moreover, the citations to certain documents and other information below are intended to be exemplary only and in no way foreclose Damaka from citing or relying on additional documents, information, source code, and/or testimony at a later time. These contentions are preliminary in nature, and an analysis of Cisco's products, internal documentation, source code, and/or testimony from relevant witnesses may more fully and accurately describe the infringing features of its Accused Products. Accordingly, Damaka reserves the right to supplement, correct, modify, and/or amend these contentions once such additional information is made available to Damaka. Furthermore, Damaka reserves the right to supplement, correct, modify, and/or amend

[1] The Webex SDK encompasses both the SDK as and associated Webex API. *See e.g.* https://developer.webex.com/meeting/docs/meetings

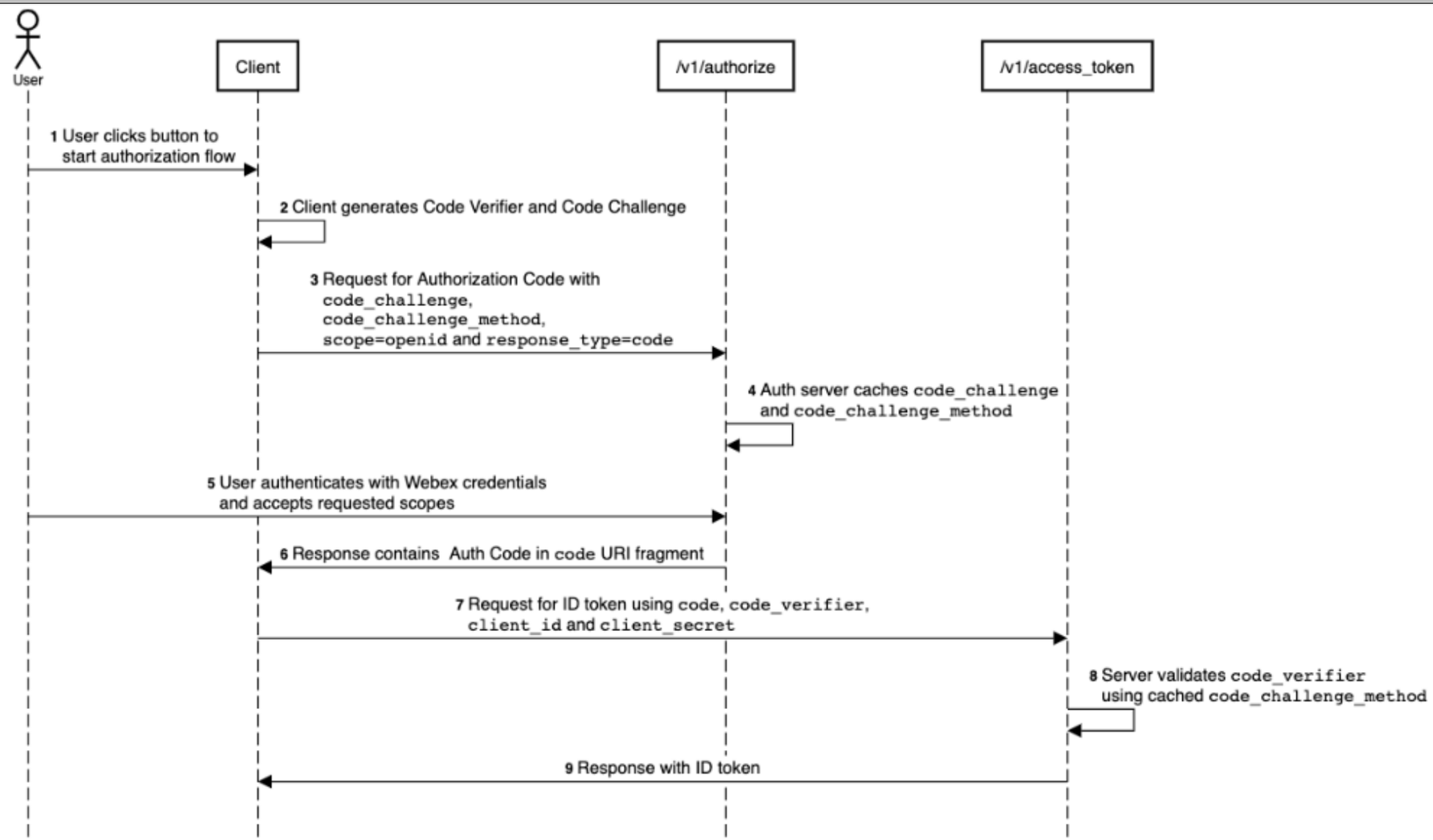
[2] *See e.g.* https://developer.webex.com/meeting/docs/meetings; *See also* https://help.webex.com/en-us/article/fz1e4b/System-requirements-for-Webex-services

these contentions as discovery in this case progresses; in view of the Court's claim construction order(s); in view of any positions taken by Cisco, including, but not limited to, positions on claim construction, invalidity, and/or non-infringement; and in connection with the preparation and exchange of expert reports.

To the extent Cisco contends that any element of the Accused Products is attributable to a third party, Damaka contends that the activities are attributable to Cisco such that they constitute direct infringement by Cisco under 271(a). The acts may be attributable to Cisco because Cisco directs or controls the others' performance, and because Cisco and the other entity form a joint enterprise. *Akamai Techs., Inc. v. Limelight Networks, Inc.*, 797 F.3d 1020, 1022 (Fed. Cir. 2015). Additionally, Cisco is vicariously liable for the activities of these other entities. *Centillion Data Sys., LLC v. Qwest Commc'ns Int'l, Inc.*, 631 F.3d 1279, 1286 (Fed. Cir. 2011). Further, the activities of these entities (including third party application developers, and users of the Accused Products consumers), are attributable to Cisco because Cisco (1) conditions participation in an activity or receipt of a benefit upon others' performance of one or more steps of a patented method, and (2) establishes the manner or timing of that performance. *Eli Lilly & Co. v. Teva Parenteral Medicines, Inc.*, 845 F.3d 1357, 1365 (Fed. Cir. 2017). These acts are also attributed to Cisco because it initiated the activities of their end-users. *SiRF Tech., Inc. v. Int'l Trade Comm'n*, 601 F.3d 1319, 1330 (Fed. Cir. 2010).

Claim	Cisco Accused Products
1.p A method for providing a real-time communication session over the internet for a superblock application intended for use on a computing device, the method comprising:	While the preamble is not limiting, each Accused Product practices a method for providing a real-time communication session over the internet for a superblock application intended for use on a computing device, the method comprising the steps of claim 1. For example, the Webex SDK provides real-time communication (such as audio and video) to third party application. As shown below "Webex Meetings [SDK] offers integrated audio, video…" **Webex Meetings** Webex Meetings offers integrated audio, video, and content sharing with highly secure web meetings from the cloud. The Webex Meetings REST API allows developers to add basic Webex scheduling functionality to their custom applications or websites. You can: • Create and manage meetings • Add and manage meeting invitees • Get and update meeting preferences, options, and other details • Get, list, and delete recordings https://developer.webex.com/meeting/docs/meetings

Claim	Cisco Accused Products
	Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
1a. providing a function block for use in adding additional functionality to a third party superblock application that has its own functionality and display window, wherein the function block is configured to be compiled into the superblock application and is configured to add the additional functionality to provide the real-time communication session using one or more servers connected over the internet, and wherein the function block is configured to interact with the superblock application through one or more application programming interface (API) calls; and	Each Accused Product practices a method comprising providing a function block for use in adding additional functionality to a third party superblock application that has its own functionality and display window, wherein the function block is configured to be compiled into the superblock application and is configured to add the additional functionality to provide the real-time communication session using one or more servers connected over the internet, and wherein the function block is configured to interact with the superblock application through one or more application programming interface (API) calls. For example, the Webex SDK must be integrated into a third-party superblock application. The Webex SDK provides real-time communication sessions, as shown in claim 1.p. For example, the Webex SDK requires use of Cisco Servers, for authentication, as shown below:

Claim	Cisco Accused Products
	

Claim	Cisco Accused Products
	https://developer.webex.com/create/docs/login-with-webex The Webex SDK has a Rest API, as shown in claim 1.p. For example, the Webex SDK provides functionality to join and create "meetings" which are A/V capable calls. For example, the Webex SDK enables to creation of Meetings, as shown below. Invitees Create Meeting Invitees Operation Id: *Create_Meeting_Invitees* Description: • *Invite people to attend a meeting in bulk.* • *Identify each invitee by the email address of each item in the `items` of the request body.* • *Each invitee should have a unique `email`.* • *This API limits the maximum size of `items` in the request body to 100.* • *The `sendEmail` parameter for each invitee is `true` by default and the meeting emails will be sent to the invitee's `email`. Please set `sendEmail` to `false` to prevent an invitee from receiving emails.* POST /meetingInvitees/bulkInsert https://developer.webex.com/meeting/docs/api/v1/meeting-invitees/create-meeting-invitees Additionally, Webex SDK allows for multiple video options.

Claim	Cisco Accused Products
	The Webex SDK includes functionality for display within the superblock application, for example "Get_Video_Options…Retrieves video options." Preferences Get Video Options Operation Id: *Get_Video_Options* Description: *Retrieves video options for the authenticated user* GET /meetingPreferences/video Request Parameters https://developer.webex.com/meeting/docs/api/v1/meeting-preferences/get-video-options These video options can then be updated by the function block via the "Update_video_options" call.

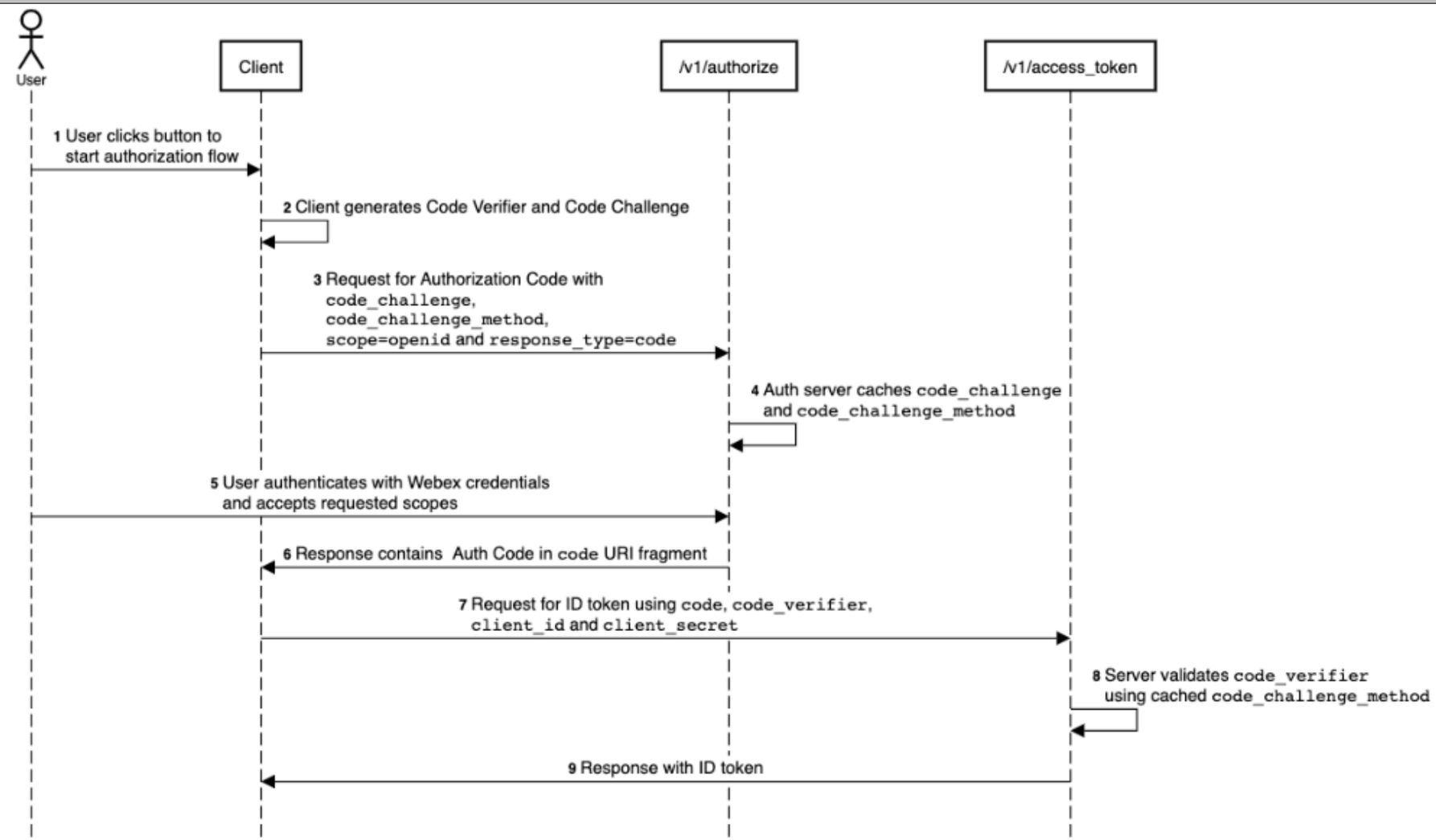
Claim	Cisco Accused Products

	Update Video Options
	Operation Id: *Update_Video_Options*
	Description: *Updates video options for the authenticated user.*
	PUT /meetingPreferences/video
	Request Parameters
	https://developer.webex.com/meeting/docs/api/v1/meeting-preferences/update-video-options
	
	Again, there is analogous functionality within the formal Webex SDK.
	
	Pass one of the above-desired profile levels to the `Meeting` object's `setRemoteQualityLevel()` method to set the remote video resolution:
	`meeting.setRemoteQualityLevel('HIGH');`
	Or
	`meeting.setRemoteQualityLevel('LOW');`
	https://developer.webex.com/meeting/docs/sdks/webex-meetings-sdk-web-video-resolution

Claim	Cisco Accused Products

	Streams
	
	The following new `Streams` classes have been introduced:
	
	1. LocalCameraStream
	2. LocalMicrophone
	3. LocalDisplayStream
	4. LocalSystemAudioStream
	
	Import the `Streams` classes into your applications using the `plugin-meetings` package:
	
	``
	import {
	  LocalCameraStream,
	  LocalMicrophoneStream,
	  LocalDisplayStream,
	  LocalSystemAudioStream,
	  createCameraStream,
	  createMicrophoneStream,
	  createDisplayStream,
	  createDisplayStreamWithAudio
	} from '@webex/plugin-meetings';
	``
	
	https://developer.webex.com/meeting/docs/sdks/webex-meetings-sdk-web-web-streams-and-effects
	
	Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.

Claim	Cisco Accused Products
1b. enabling establishment of the real-time communication session between the one or more servers and the function block compiled into the superblock application so that the function block can provide the real-time communication session to the superblock application.	Each Accused Product practices a method of enabling establishment of the real-time communication session between the one or more servers and the function block compiled into the superblock application so that the function block can provide the real-time communication session to the superblock application. As stated in claim 1a. authentication must occur to utilize the Webex SDK. Additionally, to connect to a Webex SDK meeting, both users must be using servers (i.e. a computing devices such as a phone, tablet etc.), as the call requires a network connection. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
9. The method of claim 1 further comprising providing an authorization key for use by the superblock application, wherein the authorization key unlocks the function block for use by the superblock application	Each Accused Product practices the method of claim 1 further comprising providing an authorization key for use by the superblock application, wherein the authorization key unlocks the function block for use by the superblock application. For example, the Webex SDK must authorize both itself and the superblock application. It will not function without said authorization key, as shown below. For example, the Webex SDK requires use of Cisco Servers, for authentication, as shown below:

Claim	Cisco Accused Products
	

Claim	Cisco Accused Products
	https://developer.webex.com/create/docs/login-with-webex For example, authentication credentials must be acquired to use the Webex SDK. This is shown in claim 1a. Without proper authorization, Webex SDK will not function, as evidenced by the below. What Are Integrations? Integrations are how you request permission to invoke the Webex REST API on behalf of another Webex user. To do this in a secure way the API supports the OAuth 2 standard which allows third-party integrations to get a temporary access token for authenticating API calls instead of asking users for their password. If you're sure that your integrations require authenticating on behalf of another Webex user, read on, we'll get you there in a few easy steps: 1. Register your integration with Webex 2. Request permission using an OAuth Grant Flow 3. Exchange the resulting authorization code for an access token 4. Use the access token to make your API calls https://developer.webex.com/create/docs/integrations Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
10. The method of claim 1 further comprising providing authentication credentials for use by the superblock application, wherein the authentication	Each Accused Product practices the method of claim 1 further comprising providing authentication credentials for use by the superblock application, wherein the authentication credentials enable the function block to use the one or more servers for the real-time communication session. For example, authentication credentials must be acquired to use the Webex SDK. This is shown in claim 1a. Without proper authorization, Webex SDK will not function, as evidenced by the below.

Claim	Cisco Accused Products
credentials enable the function block to use the one or more servers for the real-time communication session.	What Are Integrations? Integrations are how you request permission to invoke the Webex REST API on behalf of another Webex user. To do this in a secure way the API supports the OAuth 2 standard which allows third-party integrations to get a temporary access token for authenticating API calls instead of asking users for their password. If you're sure that your integrations require authenticating on behalf of another Webex user, read on, we'll get you there in a few easy steps: 1. Register your integration with Webex 2. Request permission using an OAuth Grant Flow 3. Exchange the resulting authorization code for an access token 4. Use the access token to make your API calls https://developer.webex.com/create/docs/integrations Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
11. The method of claim 1 further comprising sending a notification from the one or more servers to the function block.	Each Accused Product practices the method of claim 1 further comprising sending a notification from the one or more servers to the function block. For example, Cisco servers sends various notifications to the function block. The function block then percolates the notifications to the superblock application. For example, the Webex SDK has the following webhooks: A webhook is an HTTP callback, or an HTTP POST, to a specified URL that notifies your app when a particular activity or "event" has occurred in one of your resources on the Webex platform. The benefit of using webhooks is that they allow your application to receive real-time data from Webex, so you can keep up with the state of your resources (i.e. rooms, messages, memberships, etc.).

Claim	Cisco Accused Products
	`meetings` `created` A new meeting was created. `id` – Meeting Id. `meetingNumber` – Meeting number. `meetingType` – Meeting type. `state` – Meeting state. `hostEmail` – Email address for the meeting host. `hostUserId` – Unique identifier for meeting host. `siteUrl` – Webex site URL to query. `meetings` `updated` A meeting that you're in was updated. `id` – Meeting Id. `meetingNumber` – Meeting number. `meetingType` – Meeting type. `state` – Meeting state. `hostEmail` – Email address for the meeting host. `hostUserId` – Unique identifier for meeting host. `siteUrl` – Webex site URL to query. `meetings` `deleted` A meeting that you're in was deleted. `id` – Meeting Id. `meetingNumber` – Meeting number. `meetingType` – Meeting type. `state` – Meeting state. `hostEmail` – Email address for the meeting host. `hostUserId` – Unique identifier for meeting host. `siteUrl` – Webex site URL to query. https://developer.webex.com/meeting/docs/api/guides/webhooks

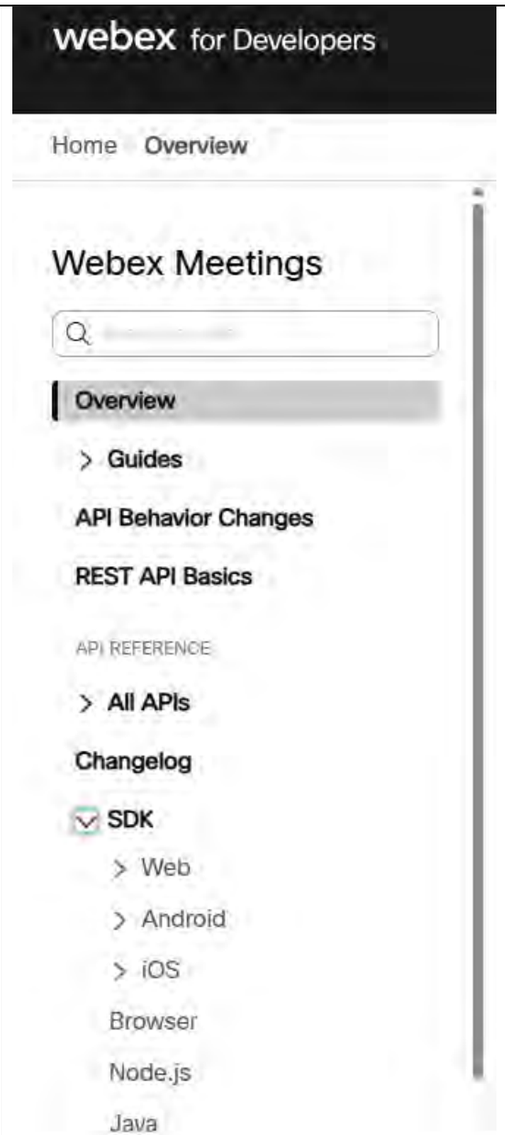
Claim	Cisco Accused Products
	Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
12. The method of claim 11 wherein the notification requires a response and the establishment of the real-time communication session is the response to the notification.	Each Accused Product practices the method of claim 11 wherein the notification requires a response and the establishment of the real-time communication session is the response to the notification. For example, a push notification requires a response (e.g. actuating a button) and the establishment of the real-time communication session is the response to the notification (e.g. a user is prompted to join a scheduled video call that has started based on actuating a button nested in the push notification). Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
13. The method of claim 11 wherein the notification is a request to initiate the real-time communication session, and an API call indicates whether the request has been granted or denied by the superblock application.	Each Accused Product practices the method of claim 11 wherein the notification is a request to initiate the real-time communication session, and an API call indicates whether the request has been granted or denied by the superblock application. *See* support for claims 1[d] and 12. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
16. The method of claim 1 further comprising receiving, by the one or more servers, a	Each Accused Product practices the method of claim 1 further comprising receiving, by the one or more servers, a notification from the function block.

Claim	Cisco Accused Products
notification from the function block.	For example, the Cisco servers receive information when participants join room, as evidenced by its ability to track participants. `meetingParticipants` `joined` A participant has joined the meeting. `id` – Participant Id. `meetingId` – Meeting Instance Id. `state` – Meeting state. `hostEmail` – Email address for the meeting host. `hostPersonId` – Unique identifier for meeting host. `siteUrl` – Webex site URL to query. `meetingParticipants` `left` A participant has left the meeting. `id` – Participant Id. `meetingId` – Meeting Instance Id. `state` – Meeting state. `hostEmail` – Email address for the meeting host. `hostPersonId` – Unique identifier for meeting host. `siteUrl` – Webex site URL to query. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
17. The method of claim 1 wherein the real-time communication session is for instant messaging.	Each Accused Product practices the method of claim 1 wherein the real-time communication session is for instant messaging. For example, the Webex SDK supports instant messaging.

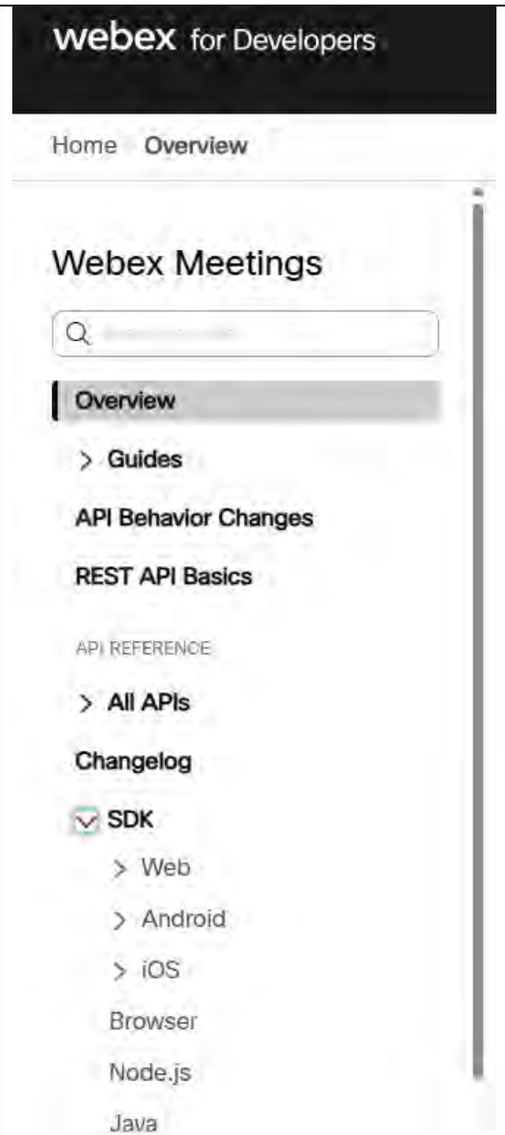
Claim	Cisco Accused Products
	Webex Messaging **Overview** Use the Webex Messaging API to list, create, update, and delete messages. Webex is known for its video conferencing and screen sharing, but messaging is a core element of the platform due to the relaxed and straightforward nature of the medium. Messages are conversational, fluid, and natural without requiring the participants of the chat to be engaged at that very moment. Participants can review and respond to chats when its convenient to their needs and circumstances. The Messaging API is an easy-to-use Restful platform that allows you to create, update, and delete messages. Every message is tagged with sender information (who wrote the message) and the local timestamp (what time did they sent it relative to you). Alternatively, you can change the format of the messages sent (between plain text or markdown) or send a file attachment along with your message to the chat room. To use the Webex REST API, you'll need a Webex account. Our interactive API Reference uses your personal access token from this to ensure that the API calls are done only by you. In REST, each command is represented by a base URL like `/messages` and the HTTP methods `GET`, `POST`, `PUT` and `DELETE` are used to perform tasks such as request data or perform actions on those resources such as configure your device, start video calls from code, create custom In-Room Controls, and deploy Macros on your devices. https://developer.webex.com/messaging/docs/messaging Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
18. The method of claim 1 wherein the real-time communication session is a voice call.	Each Accused Product practices the method of claim 1 wherein the real-time communication session is a voice call. For example, the Webex SDK supports voice calls, as evidenced by the below.

Claim	Cisco Accused Products
	Webex Calling is Cisco's flagship cloud-calling product. Webex Calling delivers a cloud-based phone system that's as powerful as it is flexible. And because it is part of the Webex Suite, Webex Calling is designed to integrate in with other Webex cloud products, such as Webex Messaging, Webex Meetings, and the Webex Contact Center. With the ability to make and receive calls across any device, your teams have the freedom to work from the office, at home, or even on the go. One powerful collaboration experience. Cisco's Calling Products Cisco offers many solutions for calling outside of Webex Calling. Your organization may, for example, be using Cisco's on-premises **Call Manager product (UCM)**, where certain portions of the UCM experienced are cloud-accessible through **Webex for UCM**. Or your organization may be using Cisco's **BroadWorks** (through a service provider partner), leveraging the cloud-accessible **Webex for BroadWorks**. These products may integrate in with Webex Calling, but *these products are not part of the Webex Calling offer.* Webex Calling has two key deployment options: **Webex Calling** and **Webex Calling Dedicated Instance**. Additionally, there is a special, route-to-market offering of the Webex Calling product called **Webex Calling for Wholesale**. Those are all part of the Webex Calling product and are discussed in this section: https://developer.webex.com/calling/docs/webex-calling-overview Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
19. The method of claim 1 wherein the real-time communication session is a video call.	Each Accused Product practices the method of claim 1 wherein the real-time communication session is a video call For example, the Webex SDK supports meeting rooms, which are A/V calls. *See* support for 1.p.

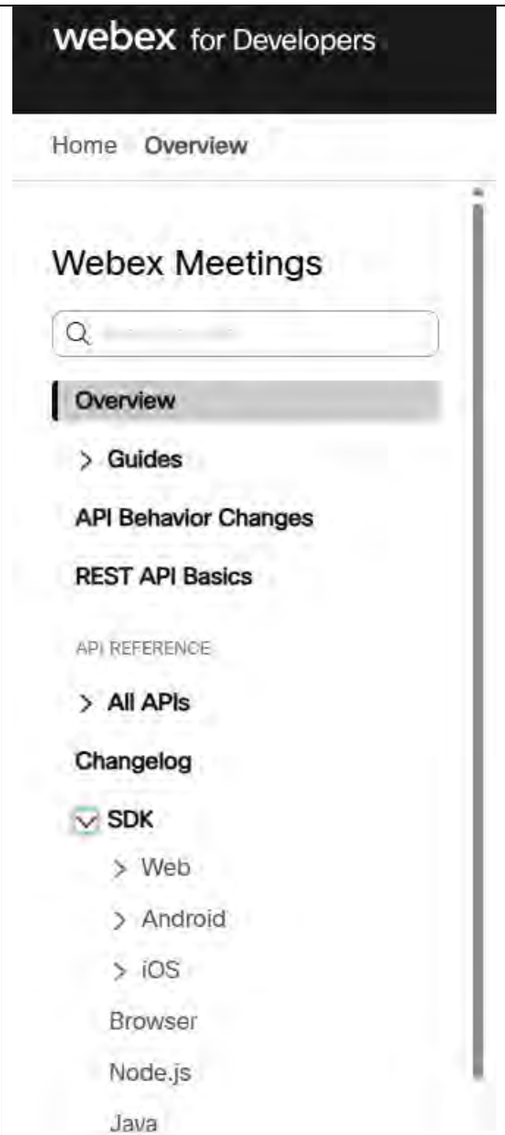
Claim	Cisco Accused Products
	Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
20. The method of claim 1 wherein the superblock application is further adapted to operate with iOS as an operating system for the computing device.	Each Accused Product practices the method of claim 1 wherein the superblock application is further adapted to operate with iOS as an operating system for the computing device. For example, the Webex SDK is available for iOS.


webex for Developers
Home
Overview
Webex Meetings
Overview
Guides
API Behavior Changes
REST API Basics
API REFERENCE
All APIs
Changelog
SDK
Web
Android
iOS
Browser
Node.js
Java

Claim	Cisco Accused Products
	https://developer.webex.com/meeting/docs/meetings Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
21. The method of claim 1 wherein the superblock application is further adapted to operate with Android as an operating system for the computing device.	Each Accused Product practices the method of claim 1 wherein the superblock application is further adapted to operate with Android as an operating system for the computing device. For example, the Webex SDK is available for Android.

	 webex for Developers Home Overview Webex Meetings Overview Guides API Behavior Changes REST API Basics API REFERENCE All APIs Changelog SDK Web Android iOS Browser Node.js Java

Claim	Cisco Accused Products
	https://developer.webex.com/meeting/docs/meetings Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
22. The method of claim 1 wherein the computing device is a cellular phone.	Each Accused Product practices the method of claim 1 wherein the computing device is a cellular phone. For example, the Webex SDK is available for iOS, Android, and Web. Thus, the Webex SDK can support superblock applications on smartphone.

	 webex for Developers Home Overview Webex Meetings Overview Guides API Behavior Changes REST API Basics API REFERENCE All APIs Changelog SDK Web Android iOS Browser Node.js Java

Claim	Cisco Accused Products
	https://developer.webex.com/meeting/docs/meetings Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
23. The method of claim 1 wherein the computing device is a smart phone.	Each Accused Product practices the method of claim 1 wherein the computing device is a smart phone. For example, the Webex SDK is available for iOS, Android, and Web. Thus, the Webex SDK can support superblock applications on smartphone.

	webex for Developers Home Overview Webex Meetings Overview > Guides API Behavior Changes REST API Basics API REFERENCE > All APIs Changelog SDK > Web > Android > iOS Browser Node.js Java

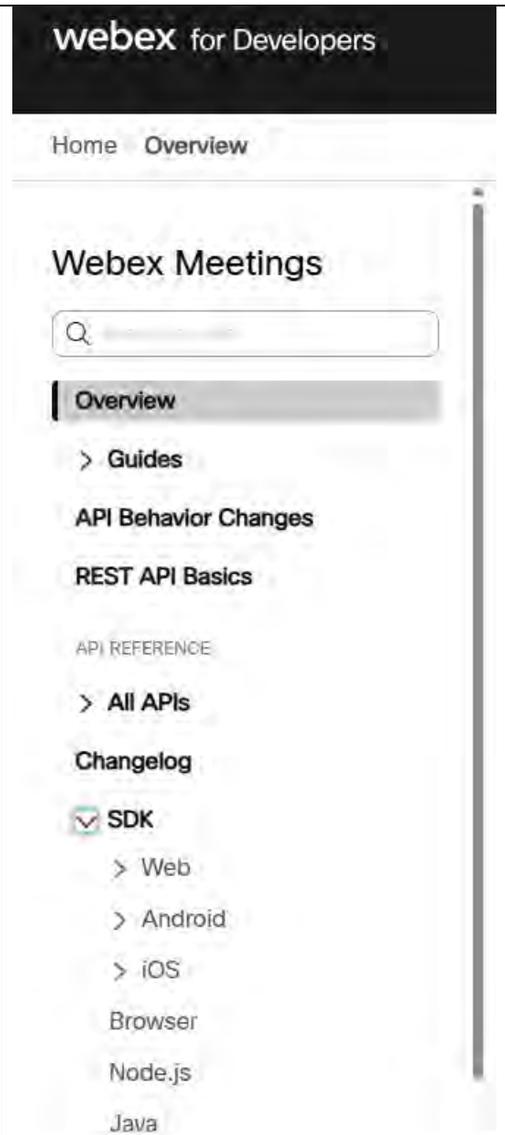
Claim	Cisco Accused Products
	https://developer.webex.com/meeting/docs/meetings Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
24. The method of claim 1 wherein the computing device is a tablet.	Each Accused Product practices the method of claim 1 wherein the computing device is a tablet. For example, the Webex SDK is available for iOS, Android, and Web. Thus, the Webex SDK can support superblock applications on tablet.

	webex for Developers Home Overview Webex Meetings Overview > Guides API Behavior Changes REST API Basics API REFERENCE > All APIs Changelog SDK > Web > Android > iOS Browser Node.js Java

Claim	Cisco Accused Products
	https://developer.webex.com/meeting/docs/meetings Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
26. The method of claim 1 wherein the computing device is a laptop computer.	Each Accused Product practices the method of claim 1 wherein the computing device is a laptop computer. For example, the Webex SDK is available for iOS, Android, and Web. Thus, the Webex SDK can support superblock applications on laptop computers.

	webex for Developers Home Overview Webex Meetings Overview > Guides API Behavior Changes REST API Basics API REFERENCE > All APIs Changelog SDK > Web > Android > iOS Browser Node.js Java

Claim	Cisco Accused Products
	https://developer.webex.com/meeting/docs/meetings Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
27. The method of claim 1 wherein the computing device is a desktop computer.	Each Accused Product practices the of claim 1 wherein the computing device is a desktop computer. For example, the Webex SDK is available for iOS, Android, and Web. Thus, the Webex SDK can support superblock applications on desktop computers.

	 webex for Developers Home Overview Webex Meetings Overview Guides API Behavior Changes REST API Basics API REFERENCE All APIs Changelog SDK Web Android iOS Browser Node.js Java

Claim	Cisco Accused Products
	https://developer.webex.com/meeting/docs/meetings Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
28.p A method for providing a real-time communication session over the internet for a superblock application intended for use on a computing device, the method comprising:	While the preamble is not limiting, each Accused Product practices the a method for providing a real-time communication session over the internet for a superblock application intended for use on a computing device, the method comprising the steps of claim 28. For example, the Webex SDK initiates A/V services for a superblock application over the internet. *See* support for claim 1p. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
28a. providing a function block for use in adding additional functionality to a third party superblock application that has its own functionality and display window, wherein the function block is configured to be compiled into the superblock application and is configured to add the additional functionality to provide the real-time	Each Accused Product practices a method of providing a function block for use in adding additional functionality to a third party superblock application that has its own functionality and display window, wherein the function block is configured to be compiled into the superblock application and is configured to add the additional functionality to provide the real-time communication session using one or more servers connected over the internet, and wherein the function block is configured to interact with the superblock application through one or more application programming interface (API) calls. *See* support for 1a. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.

Claim	Cisco Accused Products
communication session using one or more servers connected over the internet, and wherein the function block is configured to interact with the superblock application through one or more application programming interface (API) calls; and	
28b. providing authentication credentials for use by the superblock application, wherein the authentication credentials enable the function block to use the one or more servers to establish the real-time communication session for the superblock application.	Each Accused Product practices a method of providing authentication credentials for use by the superblock application, wherein the authentication credentials enable the function block to use the one or more servers to establish the real-time communication session for the superblock application. For example, the Webex SDK provides authentication credential to the superblock application to be used to interact with Cisco servers. *See* support for 1a, 10 Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
29. The method of claim 28 further comprising enabling the establishment of the real-time communication session between the one or more	Each Accused Product practices the method of claim 28 further comprising enabling the establishment of the real-time communication session between the one or more servers and the function block so that the function block can provide the real-time communication session to the superblock application. For example, the Webex SDK provides a real-time connection to Cisco servers to support a meeting. This is evident from the authentication requirements spoken about in claims 1a and 10. Additionally, the webhooks referenced in claim 11 demonstrate the real-time connection to Cisco servers.

Claim	Cisco Accused Products
servers and the function block so that the function block can provide the real-time communication session to the superblock application.	Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
37. The method of claim 28 further comprising providing an authorization key for use by the superblock application, wherein the authorization key unlocks the function block for use by the superblock application.	Each Accused Product practices the method of claim 28 further comprising providing an authorization key for use by the superblock application, wherein the authorization key unlocks the function block for use by the superblock application. *See* support for claim 1a, and 10. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
38. The method of claim 28 further comprising sending a notification from the one or more servers to the function block.	Each Accused Product practices the method of claim 28 further comprising sending a notification from the one or more servers to the function block. *See* support for claim 11. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
39. The method of claim 38 wherein the notification requires a response and the establishment of the real-time communication	Each Accused Product practices the method of claim 38 wherein the notification requires a response and the establishment of the real-time communication session is the response to the notification. *See* support for claim 12 Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.

Claim	Cisco Accused Products
session is the response to the notification.	
40. The method of claim 38 wherein the notification is a request to initiate the real-time communication session, and an API call indicates whether the request has been granted or denied by the superblock application.	Each Accused Product practices the method of claim 38 wherein the notification is a request to initiate the real-time communication session, and an API call indicates whether the request has been granted or denied by the superblock application. *See* support for claim 13 Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
43. The method of claim 28 further comprising receiving, by the one or more servers, a notification from the function block.	Each Accused Product practices the method of claim 28 further comprising receiving, by the one or more servers, a notification from the function block. *See* support for claim 16. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
44. The method of claim 28 wherein the real-time communication session is for instant messaging.	Each Accused Product practices the method of claim 28 wherein the real-time communication session is for instant messaging. *See* support for claim 17. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.

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45. The method of claim 28 wherein the real-time communication session is a voice call.	Each Accused Product practices the method of claim 28 wherein the real-time communication session is a voice call. *See* support for claim 18. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
46. The method of claim 28 wherein the real-time communication session is a video call.	Each Accused Product practices the method of claim 28 wherein the real-time communication session is a video call. *See* support for claim 19. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
47. The method of claim 28 wherein the superblock application is further adapted to operate with iOS as an operating system for the computing device.	Each Accused Product practices the method of claim 28 wherein the superblock application is further adapted to operate with iOS as an operating system for the computing device. *See* support for claim 20. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
48. The method of claim 28 wherein the superblock application is further adapted to operate with Android as an operating system for the computing device.	Each Accused Product practices the method of claim 28 wherein the superblock application is further adapted to operate with Android as an operating system for the computing device. *See* support for claim 21. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
49. The method of claim 28 wherein the computing device is a cellular phone	Each Accused Product practices the method of claim 28 wherein the computing device is a cellular phone.

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	See support for claim 22. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
50. The method of claim 28 wherein the computing device is a smart phone.	Each Accused Product practices the method of claim 28 wherein the computing device is a smart phone. *See* support for claim 23. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
51. The method of claim 28 wherein the computing device is a tablet.	Each Accused Product practices the method of claim 28 wherein the computing device is a tablet. *See* support for claim 24. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
53. The method of claim 28 wherein the computing device is a laptop computer.	Each Accused Product practices the method of claim 28 wherein the computing device is a laptop computer. *See* support for claim 26. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.
54. The method of claim 28 wherein the computing device is a desktop computer.	Each Accused Product practices the method of claim 28 wherein the computing device is a desktop computer. *See* support for claim 27. Plaintiff may supplement these contentions pursuant to Section 3(a)(i) of the model Discovery Order once access to relevant source code is provided.