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7					
8	UNITED STATES I NORTHERN DISTRI	DISTRICT COURT CT OF CALIFORNIA			
9	SAN FRANCIS	SCO DIVISION			
10					
11		Case No			
12	v.	ORIGINAL COMPLAINT FOR			
13	LEAPFROG ENTERPRISES, INC.,	PATENT INFRINGEMENT			
15		DEMAND FOR JURY TRIAL			
16	Derendant.				
17	Plaintiff Sonohm Licensing LLC files this Original Complaint for Patent Infringement				
18	against LeapFrog Enterprises, Inc., and would re	spectfully show the Court as follows:			
19	I. <u>THE I</u>	PARTIES			
20	1. Plaintiff Sonohm Licensing LLC	C ("Sonohm" or "Plaintiff") is a Texas limited			
21	liability company with its principal place of bus	liability company with its principal place of business at 15922 Eldorado Pkwy, Suite 500-1641,			
22	Frisco, TX 75035.				
23	2. On information and belief, Defendant LeapFrog Enterprises, Inc. ("Defendant") is				
24	a corporation organized and existing under the laws of California, with a place of business at 6401				
25	Hollis Street, Ste 100, Emeryville, CA 94608.				
20 27					
27 28					
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	ORIGINAL COMPLAINT FOR PATENT AND JURY DEMAND	INFRINGEMENT			

II. JURISDICTION AND VENUE

3. This action arises under the patent laws of the United States, Title 35 of the United States Code. This Court has subject matter jurisdiction of such action under 28 U.S.C. §§ 1331 and 1338(a).

4. On information and belief, Defendant is subject to this Court's specific and general personal jurisdiction, pursuant to due process and the California Long-Arm Statute, due at least to its business in this forum, including at least a portion of the infringements alleged herein.
Furthermore, Defendant is subject to this Court's specific and general personal jurisdiction because Defendant is a California corporation and it has a place of business within this District.

5. Without limitation, on information and belief, within this State and this District, Defendant has used the patented inventions thereby committing, and continuing to commit, acts of patent infringement alleged herein. In addition, on information and belief, Defendant has derived revenues from its infringing acts occurring within California and the Northern District of California. Further, on information and belief, Defendant is subject to the Court's general jurisdiction, including from regularly doing or soliciting business, engaging in other persistent courses of conduct, and deriving substantial revenue from goods and services provided to persons or entities in California and the Northern District of California. Further, on information and belief, Defendant is subject to the Court's personal jurisdiction at least due to its sale of products and/or services within California and the Northern District of California. Defendant has committed such purposeful acts and/or transactions in California and the Northern District of California such that it reasonably should know and expect that it could be haled into this Court as a consequence of such activity.

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6. Venue is proper in this district under 28 U.S.C. § 1400(b). On information and belief, Defendant is incorporated in California, and it has a place of business within this District.

On information and belief, from and within this District Defendant has committed at least a portion
 of the infringements at issue in this case.
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7. For these reasons, personal jurisdiction exists and venue is proper in this Court under 28 U.S.C. § 1400(b).

III. <u>COUNT I</u> (PATENT INFRINGEMENT OF UNITED STATES PATENT NO. 6,651,207)

8. Plaintiff incorporates the above paragraphs herein by reference.

9. On November 18, 2003, United States Patent No. 6,651,207 ("the '207 Patent")
was duly and legally issued by the United States Patent and Trademark Office. The '207 Patent is
titled "Method and System for Improving Voice Quality in Cordless Communications." A true and
correct copy of the '207 Patent is attached hereto as Exhibit A and incorporated herein by
reference.

14 10. Sonohm is the assignee of all right, title and interest in the '207 patent, including
all rights to enforce and prosecute actions for infringement and to collect damages for all relevant
times against infringers of the '207 Patent. Accordingly, Sonohm possesses the exclusive right
and standing to prosecute the present action for infringement of the '207 Patent by Defendant.

19 11. The application leading to the '207 patent was filed August 20, 1999. (Ex. A at20 cover).

21 12. The invention in the '207 Patent relates to the field of telecommunications and more
 22 particularly improving voice quality in cordless communications. (Id. at col. 1:8-10).

13. In conventional cordless voice communication systems, there is typically a base
station which acts as a master supporting a plurality of mobile units, which act as slaves. (*Id.* at
col. 1:13-17). The master base station establishes communication links with the mobile units and
has a function to detect errors over the communications links with the mobile units. (*Id.* at col.
1:17-20).

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14. Predictive methods have been used to suppress distorted data packets in order to improve voice quality over the communication link. (*Id.* at col. 1:21-24). The particular method chosen generally depends on the speed at which errors over the communication links can be detected. (*Id.* at col. 1:24-26). In cordless systems in which the single carrier is used, data packets are correlated from transmission to transmission such that if the quality of a first transmission is poor then it is highly likely that the next transmission will also be poor. (Id. at col. 1:26-28). As a result, from the data packets from the first transmission, the quality of the data packets for the next transmission can be predicted and the base station can suitably and prospectively suppress distorted data packets. (Id. at col. 1:29-33).

11 15. However, frequency hopping systems, which use various carriers over each 12 communication link and change the carriers from time to time, a problem arises when a 13 communication link encounters interference problems affecting the quality of the communications 14 link. (Id. at col. 1:35-40). In a frequency hopping scheme, the base station and mobile units 15 generally move in sync in time from frequency to frequency. (Id. at col. 3:55-57). Mobile units 16 17 not initially synced with a base unit "listen" to a specific radio frequency to attempt to lock on to 18 the base station. (Id. at col. 3:57-61). When the base station hops to that specific frequency, the 19 mobile units identify and receive control data transmitted by the base station, which allows the 20 mobile units to lock with the base station and sync with the frequency hopping scheme. (Id. at col. 21 3:61-65). The frequency hopping scheme therefore helps the wireless communication system to 22 avoid bad channels or frequencies due to radio frequency interference and other problems. (Id. at 23 24 col. 3:65 - col. 4:1).

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16. The challenging problem of the frequency hopping scheme is that the system algorithms ensure that, unlike same carrier wireless communications, the contents of consecutive data packets are not correlated. (*Id.* at col. 4:4-7). There is also no way to derive from the first

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transmission the necessary parameters to perform packet suppression for the second transmission. (Id. at col. 1:46-48). In other words, the quality of a prior data packet cannot be used to predict the quality of successive data packets. (Id. at col. 1:42-46, col. 4:7-10). This problem frustrates users and has been a longstanding challenge to the developers of cordless communication devices. (Id. at col. 48-51). The inventors therefore sought ways to improve voice quality in cordless communications that used frequency hopping schemes.

The following is an exemplary implementation of the claimed invention. To

improve the voice quality over each communication link, the base station can select a frequency in which to establish a link between the base station and a mobile unit. (Id. at col. 4:11-15). The base station monitors the quality of the frequency used on the link. (Id. at col. 4:15-16). The quality of the frequency can be determined by measuring parameters that indicate that signal bursts or parts of signal bursts are lost or corrupted over the communication link, or the strength of the signal over the communication link. (Id. at col. 4:16-20). If the quality of the frequency is unacceptable, the frequency may be marked as bad such that the next time the marked frequency is used in the frequency hopping scheme, the base station corrects the error. (Id. at col. 4:20-27). For example, the base station may mute the data or communicate to the mobile unit that it should use the prior data packet. (Id. at col. 4:27-29). Because the base station evaluates on a frequencyby-frequency basis, each mobile unit may actively communication with the base station on the same or individual frequencies that minimize the loss of voice information over individual links associated with each unit. (Id. at col. 4:36-41). For example, if a mobile communication system defines twelve different subsets for groups channels within the frequency band, the system can select the current best ten out of the twelve available subsets to communicate and block the remaining two subsets because those subsets represent poor quality for that communication link. (*Id.* at col. 6:17-24).

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18. The claimed invention has a technical advantage over the prior art through its ability to automatically monitor the quality of the frequency used on an individual communications link so that the base station may then perform data correction on the frequency in response to monitored quality of the frequency. (*Id.* at col. 2:14-19). This scheme to improve voice quality can be used with any algorithm to prevent interference with multiple base stations in a system. (Id. at col. 4:42-44). Furthermore, this scheme can also avoid selecting frequencies yielding poor quality for individual communication links. (Id. at col. 4:50-52).

9 19. During the prosecution history of the '207 patent, applicant discussed the 10 unconventional features of the claimed invention that distinguished the invention from the prior 11 art. A distinguishing claim limitation discussed was "selecting another frequency after the first 12 time period to transmit and receive data over the communication link; after selecting the another 13 frequency, selecting, during a second time period, the frequency that was monitored during the 14 first time period; and performing, during the second time period, error correction on the selected 15 frequency in response to the monitored quality monitored during the first time period," and similar 16 17 limitations. (Ex. B at 8-9). The prior art did not disclose being able to "select and monitor a first 18 frequency, select a second frequency, then select the first frequency again, and then perform error 19 correction for the first frequency in response to the monitoring of the first frequency prior to a 20 selection of the second frequency." (Id. at 8). Rather the prior art disclosed using coder and 21 decoder for detection and correction of errors and carrying out judgement and correction of errors 22 in data as the signal is received. (Id. at 8-9). 23

24 20. The '207 patent was cited during the prosecution history of patents and patent
 applications owned by companies including Sprint Communications Company L.P., Cisco
 Technology, Inc. AT&T Intellectual Property I, L.P., RF Micro Devices, Inc. Qualcomm
 Incorporated, and Samsung Electronics Co. (See http://patft.uspto.gov/netacgi/nph-28

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1	Parser?Sect1=PTO2&Sect2=HITOFF&p=1&u=%2Fnetahtml%2FPTO%2Fsearch-						
2	bool.html&r=3&f=G&l=50&co1=AND&d=PTXT&s1=6,651,207&OS=6,651,207&RS=6,651,2						
3	07; https://patents.google.com/patent/US6651207B1/en?oq=6%2c651%2c207).						
4	21. Direct Infringement. Upon information and belief, Defendant has been directly						
5	infringing at least claim 11 of the '207 patent in California and within this District, and elsewhere						
6	in the United States, by performing actions comprising at least using or performing the claimed						
/	method for improving voice quality in cordless communications by using the LeanErog EnicTM						
8	method for improving voice quality in cordiess communications by using the LeapFrog Epic ^{IM}						
9	Android Based Kids Tablet ("Accused Instrumentality").						
10	22. Upon information and belief, the Accused Instrumentality performs the step of						
11	selecting a unique carrier frequency over an individual communication link, the communication						
12	link operable to carry data between at least one mobile unit and a base station. For example, the						
13	Accused Instrumentalities implement Bluetooth 4.0 (or later version). (E.g.,						
15	https://store.leapfrog.com/en-us/store/p/leapfrog-epic-7-kids-tablet-with-16gb-memory-and-						
16	<u>quadcore-processor/_/A-prod31576</u>). Using Bluetooth 4.0 (or later version) selects a unique						
17	carrier frequency (e.g., a frequency that is determined by adaptive frequency hopping (AFH)						
18	pattern) over an individual communication link (Bluetooth link), the communication link (e.g.,						
19							
20	Bluetooth link) operable to carry data between at least one mobile unit (<i>e.g.</i> , slaves, such as a						
21	Bluetooth device) and a base station (e.g., master, such as a computer, laptop, tablet, or mobile						
22	phone). (<i>E.g.</i> , <u>http://download.ni.com/evaluation/rf/intro_to_bluetooth_test.pdf;</u>						
23	https://www.bluetooth.org/docman/handlers/downloaddoc.ashx?doc_id=456433 at 17, 234).						
24	23. Upon information and belief, the Accused Instrumentality performs the step of						
25	monitoring the quality of the selected frequency during a first time period. For example, using						
26	Bluetooth 4.0 (or later version) monitors the quality of the selected frequency during a first time						
27	period for example by assessing whether a channel should be classified as bad because an						
28	7						
	ORIGINAL COMPLAINT FOR PATENT INFRINGEMENT						

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1	interference-level measure associated with it has exceeded a threshold. (E.g., https://cdn.rohde-						
2	schwarz.com/pws/dl_downloads/dl_application/application_notes/1c108/1C108_0e_Bluetooth_						
3	BR_EDR_AFH.pdf;						
4	https://www.bluetooth.org/docman/handlers/downloaddoc.ashx?doc_id=456433.at 178).						
5							
6	24. Upon information and belief, the Accused Instrumentality performs the step of						
7	selecting another frequency after the first time period to transmit and receive data over the						
8	communication link. For example, with Bluetooth 4.0 (or later version), the physical channel is						
9	sub-divided into time units known as slots. (E.g.,						
10	https://www.bluetooth.org/docman/handlers/downloaddoc.ashx?doc_id=456433 at 19, 25). Data						
11	is transmitted/received between Bluetooth devices in packets that are positioned in these slots.						
12	(Id) Frequency hopping takes place between the transmission or reception of packets (Id)						
13							
14	25. Upon information and belief, the Accused Instrumentality performs the step of after						
15	selecting the another frequency, selecting, during a second time period, the frequency that was						
16	monitored during the first time period. For example, Bluetooth 4.0 (or later version) after selecting						
17	another frequency (e.g., frequency hopping) selects at a second time period the frequency that was						
18	monitored during the first time period (e.g., the system returns to monitor the first frequency again						
19	to determine whether the first frequency is still bad). (E.g., <u>https://cdn.rohde-</u>						
20	schwarz.com/pws/dl_downloads/dl_application/application_notes/1c108/1C108_0e_Bluetooth_						
21	BR EDR AFH.pdf;						
22	https://www.bluetooth.org/docman/bandlers/downloaddoc.asby?doc.id=456433.at.66)						
23							
24	26. Upon information and belief, the Accused Instrumentality performs the step of						
25	performing, during the second time period, error correction on the selected frequency in response						
26	to the monitored quality monitored during the first time period. For example, Bluetooth 4.0 (or						
27	later version) performs the step of performing, during the second time period, error correction (e.g.,						
28	- 8 -						
	ORIGINAL COMPLAINT FOR PATENT INFRINGEMENT						

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1	marking the frequency as bad, suppresses any data packets that are to be next transmitted utilizing
2	the bad frequency, and/or retransmitting the data packet) on the selected frequency in response to
3	the monitored quality monitored during the first time period. (E.g., https://cdn.rohde-
4	schwarz.com/pws/dl_downloads/dl_application/application_notes/1c108/1C108_0e_Bluetooth_
5	BR_EDR_AFH.pdf;
0 7	https://www.bluetooth.org/docman/handlers/downloaddoc.ashx?doc_id=456433 at 43, 66, 178;
8	http://download.ni.com/evaluation/rf/intro_to_bluetooth_test.pdf).
9	27. Plaintiff has been damaged as a result of Defendant's infringing conduct.
10	Defendant is thus liable to Plaintiff for damages in an amount that adequately compensates
11	Plaintiff for such Defendant's infringement of the '207 patent, <i>i.e.</i> , in an amount that by law cannot
12	be less than would constitute a reasonable royalty for the use of the patented technology, together
13	with interest and costs as fixed by this Court under 35 U.S.C. § 284.
14	28 On information and belief. Defendant has had at least constructive notice of the
15	'207 patent by operation of law and marking requirements have been complied with
17	IV COUNT II
18	(PATENT INFRINGEMENT OF UNITED STATES PATENT NO. 7,106,705)
19	29. Plaintiff incorporates the above paragraphs herein by reference.
20	30. On September 12, 2006, United States Patent No. 7,106,705 ("the '705 Patent")
21	was duly and legally issued by the United States Patent and Trademark Office. The '705 Patent is
22	titled "Method and Communication System for Transmitting Data for a Combination of Several
23	Services via Jointly Used Physical Channels." A true and correct copy of the '705 Patent is
24	attached hereto as Exhibit C and incorporated herein by reference.
25 26	31. Sonohm is the assignee of all right, title and interest in the '705 patent, including
27	all rights to enforce and prosecute actions for infringement and to collect damages for all relevant
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1	times against infringers of the '705 Patent. Accordingly, Sonohm possesses the exclusive right						
2	and standing to prosecute the present action for infringement of the '705 Patent by Defendant.						
3	32. The U.S. application leading to the '705 patent was filed May 21, 2001 based on a						
4	PCT filed date of November 24, 1999. (Ex. C at cover).						
5	33. The invention in the '705 Patent relates to the field of communication for						
7	transmitting data for a combination of a plurality of services via jointly used physical connections.						
8	(Id. at col. 1:8-11).						
9	34. A communication system provides one or more physical transmission channels for						
10	transmitting data between a data source and a data sink. (Id. at col. 1:15-16). Transmission						
11	channels may be a wide variety of types including cable-conducted using electrical or optical						
12	signal, or radio transmission via a radio interface using electromagnetic waves. (Id. at col. 1:17-						
13	20).						
15	35. Radio transmission is used in mobile radio systems in order to set up a connection						
16	to a nonstationary subscriber, such as a mobile station. (Id. at col. 1:24-24). A mobile station, for						
17	example, can be a mobile phone, a laptop computer, or a Bluetooth device. Within coverage of the						
18	network, the mobile stations can request a connection from any desired location, or a connection						
19	can be set up to the mobile station. (Id. at col. 1:25-28). The most common mobile radio system						
20	at the time of the patent application was GSM, which was developed for a single service (voice						
21	transmission). (Id. at col. 1:28-31).						
22	36. In contrast, at the time the application was filed, Europe was standardizing another						
24	mobile radio generation, UMTS, which could provide a plurality of services. (<i>Id.</i> at col. 1:35-40).						
25	Such a standardization had documentation that typically provide an overview of how a						
26	transmission protocol can support the transport of data for a plurality of services. (<i>Id.</i> at col. 1:41-						
27	48). The use of a physical channel for transmitting data for a plurality of services presupposes that						
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a unique mapping specification indicates the allocation of the services to different segments of the physical channel. (*Id.* at col. 1:49-52). For example, a physical channel could be defined as a frequency band, a spread code, and a time slot within a frame. (*Id.* at col. 1:52-55). In order to be able to select the currently used combinations of the transport formats for the various services in line with requirements, the TFC1 needs to be able to be changed and therefore the TFC12 needs to be signaled regularly. (Id. at col. 2:15-18). However, this signaling ties up transmission capacity. (Id. at col. 2:18-19). The greater the number of possible combination options, the more capacity is required for signaling. (Id. at col. 2:19-21).

10 37. Recognizing this problem, the inventors developed a method and communication 11 system that reduces the required signaling capacity without limiting the number of combination 12 options and the selection thereof. (Id. at col. 2:25-28). The invention draws a distinction between 13 services with high and low data rate dynamics and uses a matched type of signaling for the 14 transport format currently being used. (Id. at col. 2:33-35). No joint signaling for all services 15 takes place, but instead signaling can be individualized. (Id. at col. 2:41-45). For services with 16 17 high data rate dynamics, in-band signaling of the transport format is carried out, and for services 18 with low data rate dynamics, the transport format is signaled in a separate channel. (Id. at col. 19 2:45-48). In-band signaling supports the high dynamics of the data rate change in many services 20 by signaling newly chosen transport formats at an appropriate speed, whereas somewhat slower 21 signaling accompanying the connection is chosen for services with data rates which change only 22 slowly or to a limited extent. (Id. at col. 2:48-54). 23

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¹ TCF is the Transport Format Combination which indicates a possible combination of the transport formats for the various services which are mapped onto a common physical channel.
 (*Id.* at col. 2:1-4.

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38. On the basis of stipulating a combination of the currently used transport formats for the services and the signaling thereof, the data for the services are transmitted via the currently available common physical channels on the basis of the combination of the transport formats and, at the reception end, are evaluated on the basis of the signaled combination of the transport formats. (Id. at col. 2:55-61). With the same number of combination options, less capacity is required for in-band signaling, since only a portion of the services need to be served constantly. (Id. at col. 2:62-64).

9 39. The prosecution history of the '705 patent further explains the unconventional 10 features of the claimed invention. The prior art did not disclose transmitting data for first and 11 second services in a first channel, signaling one or more first transport formats for the first services 12 in-band in the first channel, and signaling a second transport format for the second service in a 13 second, separate channel. (Ex. D at 9-10). One reference only disclosed transmitting at different 14 data for a single service without disclosing transmission of first and second services having 15 different data rate dynamics. (Id. at 10). Another prior art reference only disclosed transmitting 16 17 data over a channel that is separate from the signaling information. (Id.). However, in the claimed 18 invention, a combination of data for first and second services is transmitted over one channel, 19 signaling information for the first services (having a high data rate dynamics) is also transmitted 20 over the first channel, and signaling information for the second service (having lower data rate 21 dynamics) is transmitted in a second, separate channel. (Id. at 11). The claimed method was 22 therefore not the conventional operation disclosed in the prior art. The claims where then allowed. 23

40. <u>Direct Infringement.</u> Upon information and belief, Defendant has been directly
 infringing at least claim 1 of the '705 patent in California and within this District, and elsewhere
 in the United States, by performing actions comprising using or performing the claimed method
 by using the LeapFrog Epic[™] Android Based Kids Tablet ("Accused Instrumentality").

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1	41. Upon information and belief, the Accused Instrumentality performs the step of
2	specifying one or more first transport formats for first services and a second transport format for a
3	second service, the first services having higher data rate dynamics than the second service. For
4	example, the Accused Instrumentalities implements Bluetooth 4.0 (or later version). (E.g.,
5	https://store.leapfrog.com/en-us/store/p/leapfrog-epic-7-kids-tablet-with-16gb-memory-and-
7	<u>quadcore-processor/_/A-prod31576</u>). Bluetooth 4.0 (or later version) specifies one or more first
8	transport formats (e.g., air bit rate, modulation schemes, etc.) for first services (e.g., Basic
9	Rate/Enhanced Data Rate ("BR/EDR") services like audio streaming to wireless speakers and/or
10	headphones) and a second transport format (e.g., symbol rate, modulation format etc.) for a second
11	service (e.g., Low Energy ("LE") services like sensors working on LE), the BR/EDR service
12	having higher data rate dynamics than the LE service. (E.g.,
13	https://www.bluetooth.org/docman/handlers/downloaddoc.ashx?doc_id=456433 at 17, 18, 20,
14 15	80).
16	42. Upon information and belief, the Accused Instrumentality performs the step of
17	transmitting a combination of data for the first services and data for the second service over a first
18	channel based on the first and second transport formats. For example, using Bluetooth 4.0 (or later
19	version) transmits a combination of data for the first services (<i>e.g.</i> , BR/EDR audio streaming data)
20	and data for the second service (e.g., Low Energy services like sensors transmitting on LE) over a
21	first channel based on the first and second transport formats (F, σ)
22	https://www.bluetooth.org/docman/bandlers/downloaddoc.asby?doc_id=456433.at.49.54)
23 24	43 Upon information and belief the Accused Instrumentality performs the step of
25	signaling in hand in the first channel, the one or more first transport formats for the first services
26	For example, using Plustooth 4.0 (or later version) sets up channels where the signaling of a
27	trongenert formet like error connection as les er QoS (Quality of Service) as an er t
28	transport format, like error connection codes or QoS (Quality of Service) parameters, is shared on
	- 13 - ORIGINAL COMPLAINT FOR PATENT INFRINGEMENT
	AND JURY DEMAND

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1	the sa	ame	channel	as	data	communication.	(E.g.,
2	https://www	.bluetooth.	org/docman/	handlers/d	ownloaddo	oc.ashx?doc_id=456433	at 41, 42).
3	44.	Upon in	formation a	nd belief,	the Accus	ed Instrumentality perfo	orms the step of
4	signaling, in	a second cl	hannel, the s	econd trans	sport form	at for the second service,	the first channel
5	and the seco	nd channel	comprising	separate cl	nannels. F	or example, using Bluet	both 4.0 (or later
0 7	version), LE	E mode is r	restricted to	a commur	nication fo	rmat where the signalin	g information is
8	established	on a separa	ate channel	(<i>e.g.</i> , addi	tional link	s), and not on the data	communication
9	channel. Fu	urthermore,	physical lir	nks betwee	en the con	nected devices are used	to transport the
10	logical links	s. Upon in	formation a	nd belief,	the addition	onal links created for si	gnaling in a LE
11	service, sign	als the info	rmation rega	arding the	second ser	vice having lower rate d	ynamics (<i>e.g.</i> , an
12	LE service)	on a separa	ite channel v	which is dif	fferent froi	m the first link/channel (e.g., the channel
13	over which	the data co	mmunication	ı is taking	place and	which carries the signa	ling information
14	regarding		BR/FDR		servic	es)	(<i>E</i> σ
15	https://www	bluetooth (org/docman/	handlers/d	ownloaddd	$c ashx^2 doc id=456433$	(2.g.,
17	<u>A5</u>	Plaintiff	has been	damaged	as a rest	ult of Defendant's infr	inging conduct
18	Defendant i	e thus ligh	le to Plainti	ff for dan	as a rest	in amount that adequate	aly compensates
19	Defendant 1	such Dofon	dont's infrin	armont of	the $\cdot705$ pc	tont <i>i.a.</i> in an amount th	of by law connot
20	he less then				alta for the	went, <i>t.e.</i> , in an amount in	
21	be less than	would cons	c 11 d	i G	alty for the	e use of the patented tech	nology, together
22	with interest	and costs a	as fixed by th	nis Court u	nder 35 U	.S.C. § 284.	
23	46.	On infor	mation and b	belief, Defe	endant will	continue its infringemen	nt of one or more
24	claims of the	e '705 pater	nt unless enjo	oined by th	e Court. E	Each and all of the Defend	dant's infringing
25 26	conduct thus	s causes Pla	aintiff irrepa	rable harm	and will	continue to cause such h	arm without the
20	issuance of a	an injunctio	n.				
28				IV. <u>JUF</u>	RY DEMA	ND	
	ORIGINAL	OMPLAINT	FOR PATENT		- 14 - INFRI	NGEMENT	
	AND JURY D	EMAND	I ON IATENI		11111		

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I	Plaintiff, under Rule 38 of the Federal Rules of Civil Procedure, requests a trial by jury of					
2	any issues so	triable by right.				
3		V. <u>PR</u>	AYER FOR RELIEF			
4	WHE	REFORE, Plaintiff respectf	ully requests that the Court find in its favor and against			
5	Defendant a	nd that the Court grant Plain	tiff the following relief:			
6	Defendant, al					
7 •	a.	Judgment that one or more infringed, either literally a	nd/or under the doctrine of equivalents, by Defendant;			
9	b.	Judgment that one or more infringed, either literally a	e claims of United States Patent No. 7,106,705 have been nd/or under the doctrine of equivalents, by Defendant;			
10 11	c. Judgment that Defendant account for and pay to Plaintiff all damages to and cos incurred by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because by Plaintiff because of Defendant's infringing activities and other conducted by Plaintiff because by Plaintiff because by Plaintiff becaus					
12		complained of herein;				
13	d. That Plaintiff be granted pre-judgment and post-judgment interest on the damag caused by Defendant's infringing activities and other conduct complained herein; and					
14 15 16	e.	That Plaintiff be granted s and proper under the circu	such other and further relief as the Court may deem just mstances.			
17	March 30, 2	2020	<u>/s/Steven W. Ritcheson</u>			
18	OF COUNS	SEL:	INSIGHT, PLC 578 Washington Blvd., #503			
19	David R. Be	ennett	Marina del Rey, CA 90292			
20	(Application Pro Hac Vic	n for Admission ce to be filed)	Fax: (818) 337-0383			
21	Direction IP Law		Email: swritcheson@insightplc.com			
22	P.O. Box 14184 Chicago, IL 60614-0184		Attorneys for Plaintiff Sonohm Licensing LLC			
23	(312) 291-1 <u>dbennett@d</u>	667 lirectionip.com				
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	ORIGINAL CC	- 13 - ORIGINAL COMPLAINT FOR PATENT INFRINGEMENT				
	AND JURY DEMAND					

JURY DEMAND Plaintiff, under Rule 38 of the Federal Rules of Civil Procedure, requests a trial by jury of any issues so triable by right. March 30, 2020 (s/Steven W, Ritcheson, Esq.) OF COUNSEL: INSIGHT, PLC Steven W, Ritcheson, Esq. David R. Bennett Marina del Rey, CA 90292 (Application for Admission Telephone: (818) 744-8714 Pro Har Vice to be filed) Frax: (813) 337-0383 Direction IP Law Email: swritcheson@insightple.com P.O. Box 14184 Email: swritcheson@insightple.com P.O. Box 14184 Attorneys for Plaintiff Sonohm Licensing LLC (312) 291-1667 dbennett@directionip.com 14 Image: Steven W, StevenW								
2 Plaintiff, under Rule 38 of the Federal Rules of Civil Procedure, requests a trial by jury of 3 any issues so triable by right. 4	1	JURY DEMAND						
3 any issues so triable by right. 4 5 6 March 30, 2020 6 Steven W. Ritcheson, Esq. 7 OF COUNSEL: 8 David R. Bennett 9 Aprileation for Admission 9 Pro Hac Vice to be filed) 10 Direction IP Law PO. Dox 14184 Attorneys for Plaintiff Sonohm Licensing LLC (312) 291-1667 dbennett@directionip.com 13 Image: Sonohm Licensing LLC 14 Image: Sonohm Licensing LLC 15 Image: Sonohm Licensing LLC 16 Image: Sonohm Licensing LLC 17 Image: Sonohm Licensing LLC 18 Image: Sonohm Licensing LLC 19 Image: Sonohm Licensing LLC 10 Image: Sonohm Licensing LLC 11 Image: Sonohm Licensing LLC 12<	2	Plaintiff, under Rule 38 of the Feder	Plaintiff, under Rule 38 of the Federal Rules of Civil Procedure, requests a trial by jury of					
4 Instruction and the program 5 March 30, 2020 6 March 30, 2020 7 OF COUNSEL: 7 DF COUNSEL: 8 David R. Bennett 9 Politication for Admission 9 Pro Hac Vice to be filed) 9 Pro Hac Vice to be filed) 9 Pro Jac Vice to be filed) 10 Chicago, IL 60614-0184 (312) 291-1667 dbennett@directionip.com 13 Itematic addirectionip.com 14 Itematic addirectionip.com 15 Itematic addirectionip.com 16 Itematic addirectionip.com 17 Itematic addirectionip.com 18 Itematic addirectionip.com 19 Itematic addirectionip.com 20 Itematic addirectionip.com 21 Itematic addirection addirection addirection addirection addirection addirection addirection addirecti	3	any issues so triable by right.						
5 March 30, 2020 /s/Steven W. Ritcheson, Esq. 7 OF COUNSEL: 578 Washington Blvd., #503 8 David R. Bennett Marina del Rey, CA 90292 9 Application for Admission Telephone: (818) 744-8714 9 Pro Hac Vice to be filed) Fax: (818) 337-0383 10 Direction IP Law Email: swritcheson@insightplc.com P.O. Dos 14184 Attorneys for Plaintiff Sonohm Licensing LLC (312) 291-1667 dbennett@directionip.com 13 Image: Steven W. Ritcheson 14 Image: Steven W. Ritcheson 15 Image: Steven W. Ritcheson 16 Image: Steven W. Ritcheson 17 dbennett@directionip.com 18 Image: Steven W. Ritcheson 19 Image: Steven W. Ritcheson 10 Chicago, IL. 60614-0184 11 Chicago, IL. 60614-0184 12 Image: Steven W. Ritcheson 13 Image: Steven W. Ritcheson 14 Image: Steven W. Ritcheson 15 Image: Steven W. Ritcheson 16 Image: Steven W. Ritcheson 17 Image: Steven W. Ritcheson <th>4</th> <th></th> <th></th>	4							
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8 David R. Bennett Marina del Rey, CA 90292 9 Application for Admission Pro Hac Vice to be filed) Telephone: (818) 744-8714 9 Direction IP Law P.O. Box 14184 Email: swritcheson@insightplc.com 11 Chicago, IL 60614-0184 (312) 291-1667 Attorneys for Plaintiff Sonohm Licensing LLC 13 4 14 5 16 7 17 18 18 9 20 21 21 22 23 24 24 25 26 27 28 -16 a	7	OF COUNSEL:	INSIGHT, PLC 578 Washington Blvd., #503					
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10 Direction IP Law P.O. Box 14184 Email: swritcheson@insightplc.com 11 Chicago, IL 60614-0184 (312) 291-1667 Attorneys for Plaintiff Sonohm Licensing LLC (312) 291-1667 12 dbennett@directionip.com Image: Sonohm Licensing LLC 13 Image: Sonohm Licensing LLC Image: Sonohm Licensing LLC 14 Image: Sonohm Licensing LLC Image: Sonohm Licensing LLC 15 Image: Sonohm Licensing LLC Image: Sonohm Licensing LLC 16 Image: Sonohm Licensing LLC Image: Sonohm Licensing LLC 17 Image: Sonohm Licensing LLC Image: Sonohm Licensing LLC 18 Image: Sonohm Licensing LLC Image: Sonohm Licensing LLC 19 Image: Sonohm Licensing LLC Image: Sonohm Licensing LLC 20 Image: Sonohm Licensing LLC Image: Sonohm Licensing LLC 21 Image: Sonohm Licensing LLC Image: Sonohm Licensing LLC 23 Image: Sonohm Licensing LLC Image: Sonohm Licensing LLC 24 Image: Sonohm Licensing LLC Image: Sonohm Licensing LLC 25 Image: Sonohm Licensing LLC Image: Sonohm Licensing LLC 26 Image: Sonohm Licensing LLC Image: Sonohm Licensing LLC <t< th=""><th>9</th><th>(Application for Admission Pro Hac Vice to be filed)</th><th>Fax: (818) 337-0383</th></t<>	9	(Application for Admission Pro Hac Vice to be filed)	Fax: (818) 337-0383					
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12 dbennett@directionip.com 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	11	Chicago, IL 60614-0184	Attorneys for Plaintiff Sonohm Licensing LLC					
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