

UNITED STATES DISTRICT COURT  
FOR THE SOUTHERN DISTRICT OF NEW YORK

ZOMM, LLC,	)	
	)	
Plaintiff,	)	Case No.: 1:18-cv-03534
	)	
v.	)	DEMAND FOR JURY TRIAL
	)	
APPLE INC.,	)	
	)	
Defendant.	)	
_____	)	

**COMPLAINT**

Plaintiff Zomm, LLC (“Zomm”), for its complaint against Apple Inc. (“Apple”) alleges as follows:

**THE PARTIES**

1. Plaintiff Zomm is a limited liability company organized and existing under the laws of the State of Delaware, with its principal place of business at 8620 South Peoria Avenue, Tulsa, Oklahoma, 74132.

2. Upon information and belief, Defendant Apple is a California corporation organized under the laws of the State of California, with its principal place of business at 1 Infinite Loop, Cupertino, California 95014.

**NATURE OF THE ACTION**

3. This is an action for patent infringement of U.S. Pat. No. 8,351,895 (“the ’895 Patent”) in violation of the United States patent laws, 35 U.S.C. § 100, *et seq.*, unfair competition and for breach of contract under the laws of the State of New York.

**JURISDICTION AND VENUE**

4. This Court has subject matter jurisdiction over the patent claim pursuant to 28 U.S.C. §§ 1331 and 1338(a).

5. This Court has subject matter jurisdiction over the breach of contract under 28 U.S.C. § 1337(a) (supplemental jurisdiction) because this claim is so related to the patent claim that it forms part of the same case or controversy. The breach of contract claim relates to the same activity as the patent claim.

6. This Court has personal jurisdiction over Apple at least because Apple has committed acts of patent infringement within the State of New York and this Judicial District in violation of 35 U.S.C. § 271, Apple transacts business within the State of New York and this Judicial District, Apple solicits customers in the State of New York and this Judicial District, and Apple has multiple physical store locations in the State of New York and this Judicial District. In short, Apple has purposely availed itself of the privileges and benefits of the laws of the State of New York, and Apple derives benefits from its presence in this Judicial District. Upon information and belief, Apple also derives substantial revenue from infringing products offered for sale, sold and used within this Judicial District, and should reasonably expect its actions to have consequences within this Judicial District.

7. Moreover, Apple is subject to specific personal jurisdiction in this case because at least part of Zomm's claims arise from Apple's activities in the State of New York and this Judicial District.

8. Apple has several regular and established places of business in this Judicial District, including seven stores in Manhattan. Specifically, Apple continually operates fixed physical Apple Store locations at 757 Fifth Avenue, 45 Grand Central Terminal, 103 Prince Street, 940 Madison Avenue, 1981 Broadway, 401 West 14th Street and 185 Greenwich Street, all of which are within this Judicial District.

9. Apple represents that it has a presence in this Judicial District on its website.

10. Apple interacts in a targeted way with existing or potential customers in this Judicial District through localized customer support at the above-referenced locations.

11. Venue is proper in this Judicial District pursuant to 28 U.S.C. §§ 1391(b), 1391 (c) and 1400(b).

## **FACTUAL BACKGROUND**

### **The Parties and their Relationship**

12. Founded in 2009, Zomm is a global technology and consumer products company focused on mobile safety and security, with the mantra of “enhancing lives through technology.” The company has and has had offices in Tulsa, Oklahoma, Kirkland, Washington, the United Kingdom, Hong Kong, Germany and Austria.

13. Zomm has obtained 15 patents, in the United States, the European Community, Japan, Hong Kong and China.

14. Zomm’s products are offered for sale through the company’s website, www.zomm.com, and through Amazon.com, and Walmart.com. Zomm’s products have also

been offered for sale at Best Buy, QVC, multiple other wholesale and retail outlets, and as discussed in more detail below, Apple's brick-and-mortar and online retail outlets.

15. Zomm's first product was called the Wireless Leash. Development of the Wireless Leash began in early 2009, when Zomm President and Co-Founder Laurie Penix received a call from a friend who needed an extra mobile phone because her husband had lost his phone. Ms. Penix had just finished reading an article about Bluetooth technology, and this combination of circumstances sparked her idea for a product that could prevent users from misplacing their mobile phones while also serving as a security device.

16. The Wireless Leash met with immediate critical praise. The product launched in January, 2010 and won the Best of Innovation Award at the world-renowned Consumer Electronics Show ("CES") that same month in Las Vegas. The product was also one of only two finalists for the 2011 Bluetooth SIG "Best of CES" Award.

17. In the wake of the acclaim the Wireless Leash received at the 2010 CES Show, Zomm was contacted by Apple to explore the possibility of selling the product through Apple's brick-and-mortar retail stores and online channels.

18. The original Wireless Leash worked with Apples' iPhones. Nonetheless, Apple requested that Zomm create a version of the Wireless Leash that was designed specifically for Apple's iOS operating systems installed on Apple devices. Zomm reallocated funds and revised its business plan so that it would have the funds necessary to accomplish this task.

19. Once Zomm was positioned to meet Apple's request, Zomm and Apple entered into a mutual confidentiality agreement, on or about July 29, 2010 (the "Confidentiality Agreement").

20. With the Confidentiality Agreement firmly in place, Zomm executives and engineers made several trips to Apple's headquarters in Cupertino, California, during which they shared details of what they were planning to develop for the iOS version of the Wireless Leash. The resultant product was called the Wireless Leash Plus and was limited to sales within all Apple retail channels, at the direction of Apple. During these meetings, Zomm executives also informed Apple personnel that they intended to create a watch, bracelet, and/or other wearables that would incorporate the features of the Wireless Leash.

21. On or about November 2011, Zomm introduced the Wireless Leash Plus, the new version of the Wireless Leash, now customized for use with Apple's iPhone, iPad and iPod. The Wireless Leash Plus's features included a panic button that allowed users to sound an alarm with the press of a button, which was meant to deter potential attackers and notify others of distress. Importantly, if a user held the button for approximately three seconds longer, the Wireless Leash Plus would dial local emergency assistance anywhere in the world the user was located, without the user having to touch his or her phone. Notably, the title of Zomm's patent application that led to the '895 Patent, filed two years earlier (and published on March 10, 2011), is "Wireless Security Device and Method to Place Emergency Calls."

22. Separately, Zomm also created an iPhone application that was designed to work with the Wireless Leash Plus and provide Apple customers with a customized user experience.

23. Pursuant to Apple's request, on or about November 2011, the Wireless Leash Plus became available nationwide at brick-and-mortar Apple Stores and soon after, online at Apple's website, store.apple.com. Several store locations sold out of the product quickly. Distributor Ingram Micro Inc. (now part of HNA Group) informed Zomm that more units were needed. Zomm provided additional units to meet the sales demand.

24. Just like the original version of the product, the Wireless Leash Plus was well received. It was named an Apple staff "favorite pick" in December 2011.

25. Selling exclusively through Apple was not particularly lucrative for Zomm. Due to the distribution deal dictated by Apple, Zomm's profit on units of the Wireless Leash Plus—which could only be sold through Apple's retail channels—was very small. In addition, restrictions preventing Zomm from selling the Wireless Leash Plus through retail channels other than Apple's retail channels inhibited Zomm's ability to turn the cache of having the product sold by Apple into revenue through sales in other channels.

26. In 2012, Zomm showed a new product, Lifestyle Connect, at CES. The product won three Innovation Awards at CES that year. Lifestyle Connect was also geared towards the Emergency Dialing mobile safety product market and contained Zomm intellectual property.

27. In or about November 2012, ten months after the Wireless Leash Plus was named an Apple Store staff favorite, Apple abruptly terminated its agreement to sell the Wireless Leash Plus through Apple's retail channels. The Wireless Leash Plus was completely removed from Apple's brick-and-mortar stores in or about November 2012 and was removed from Apple's online store shortly thereafter.

28. Meanwhile, Apple was embarking on a plan to steal Zomm's patented technology for its own products. Beginning in December 2011 and continuing through November 2016, including when the Confidentiality Agreement was still in effect, Apple employees ordered numerous units of the Wireless Leash Plus directly from Zomm for Apple. Zomm was subsequently informed by an Apple employee that these purchases were being made for research and development by Apple. The Apple purchasers did not reveal that the orders were solely for Apple's commercial use at the time their orders were initially placed.

29. On December 21, 2011, Zomm received an order from Apple employee Shayna Poor. Upon information and belief, Ms. Poor was an executive assistant at Apple at the time. The order was to be delivered to Peter Handel, who, upon information and belief, at the time was an Apple Sr. Engineer/Scientist. This order and a subsequent series of orders placed by Apple employees were not identified as corporate orders.

30. On June 4, 2012, Christine Lee, at the time an Apple Engineering Test Program Manager, ordered three Wireless Leash Plus units.

31. Soon, the orders started getting larger. On August 8, 2012, Natasha Burwell, at the time Executive Assistant to the Vice President of Wireless Technologies, iPhone HW, Product Design and Special Projects with Apple, ordered 11 units of the Wireless Leash Plus using a personal credit card.

32. As noted above, in or about November 2012, Apple abruptly terminated its agreement to sell the Wireless Leash Plus through Apple's retail channels.

33. On December 19, 2012, Zomm received an order from Cara Lomeli, at the time an Engineering Product Specialist with Apple, for 19 Wireless Leash Plus units. The order was to be delivered to Jathurshun Sivaloganathan, who, upon information and belief, was at the time a Senior Manager with Apple.

34. On January 09, 2013, one day after Zomm's '895 Patent, entitled "Wireless Security Device and Method to Place Emergency Calls" issued, Ms. Lomeli ordered five more units of the Wireless Leash Plus directly from Zomm. On this order, the billing and shipping address matched the shipping address used for Mr. Sivaloganathan on Ms. Lomeli's previous order.

35. On January 22, 2013 Ms. Lomeli ordered eight more units of the Wireless Leash Plus directly from Zomm. On this order, the billing and shipping address matched the shipping address used for Mr. Sivaloganathan on Ms. Lomeli's first order.

36. On February 12, 2013, Ms. Lomeli ordered another 21 units of the Wireless Leash Plus, directly from Zomm. On this order, the shipping address matched the shipping address used for Mr. Sivaloganathan on Ms. Lomeli's previous three orders. Ms. Lomeli had, by this point, ordered 53 units of the Wireless Leash Plus across four orders.

37. On April 17, 2013, Lynnette Jenkins ordered 18 units of the Wireless Leash Plus directly from Zomm, to be delivered to her at an Apple corporate address.

38. Each of the above-referenced orders were surreptitiously designed to appear as if they were for individual use, however, each order used a shipping address corresponding to a location at Apple's business complex in Cupertino, California. Given the suspicious purchases



made by Apple employees and shipped to Apple addresses during the term of the Confidentiality Agreement, on April 17, 2013, Zomm. Zomm called Apple for an explanation about the purpose of the orders. Apple did not return the call, but the orders continued.

39. On May 28, 2013, Ms. Jenkins placed two more orders for 17 units each of the Wireless Leash Plus using a credit card with her name on it. On these orders, the billing and shipping address matched the shipping address used on Ms. Jenkins's April 17, 2013 order. The order was not identified as a corporate order. At this point, Ms. Jenkins had ordered 52 units of the Wireless Leash Plus, across three orders.

40. On July 8, 2013, Natasha Burwell, at the time Executive Assistant to the Vice President of Wireless Technologies, iPhone HW, Product Design and Special Projects, placed an order for nine units of the Wireless Leash Plus to be delivered to Phil Carr, who at the time was a Lab Coordinator/OTA Technician at Apple at Apple's headquarters in Cupertino, CA.

41. On July 16, 2013, Ritu Choudhary, at the time a Lead Program Manager for Special Programs with Apple, ordered 55 Wireless Leash Plus units and had the units delivered to an Apple business address in Cupertino, CA.

42. On July 31, 2013, Amanda Simon, at the time employed by Apple as a Hardware Engineer Administrative Assistant, ordered one Wireless Leash Plus unit directly from Zomm and had the unit delivered to an Apple business address in Cupertino, California.

43. On December 30, 2013, Zomm CEO and co-founder, Henry Penix, contacted Cara Lomeli, inquiring about the reason that she placed the above-referenced orders. Mr. Penix stated that Zomm noticed a few orders of the Wireless Leash Plus being delivered to Apple at

various times in 2012 and 2013, that Zomm had worked closely with Apple's technical team in the past, that the product Ms. Lomeli was ordering used to be offered in the Apple store, and that her orders had raised Zomm's curiosity.

44. Apple did not respond to Mr. Penix's December 30, 2013 communication to Ms. Lomeli.

45. On or about January 22, 2014, Mr. Penix contacted Cara Lomeli again, to inquire as to why Apple was placing these orders. Ms. Lomeli did not respond. Mr. Penix again called Ms. Lomeli approximately one month later. This time, Ms. Lomeli did return Mr. Penix's call. During that call, Ms. Lomeli informed Mr. Penix that the orders were being used for research and development. This troubling answer was really the only explanation that made sense, because any orders purchased by Apple for legitimate resale were required to go through a third party distribution/fulfillment company pursuant to an agreement between Zomm and Apple. The above-referenced purchases had to be for reasons other than resale to consumers, because they were ordered by Apple employees directly from Zomm and shipped to Apple addresses, specifically to the addresses of senior leaders, developers and scientists at Apple.

46. On July 28, 2014, Mr. Penix emailed Apple CEO Tim Cook to inform him that Zomm had been awarded the '895 Patent for a wireless security device and method for placing emergency calls. Zomm's press release regarding the '895 Patent was attached. The email also noted that, "Zomm has not sold our products in Apple retail stores or online for a while, but have fulfilled a few orders to Apple corporate over the last 18 months."

47. Mr. Cook did not respond to Mr. Penix's July 28, 2014 email.

48. On August 19, 2014, Mr. Penix sent a follow-up email to Mr. Cook, forwarding his original email and the attached press release again, stating, “I wanted to ensure you received my previous email about our product and IP.” Apple executives Jonathan Ive (currently Apple’s Chief Design Officer), Dan Riccio (currently Apple’s Senior Vice President of Hardware Engineering) and Philip Schiller (currently Apple’s Senior Vice President responsible for worldwide marketing) were copied on the email.

49. Mr. Cook did not respond to Mr. Penix’s August 19, 2014 email, nor did anyone else from Apple.

50. On September 9, 2014, Apple announced its first iteration of the Apple Watch (the “Apple Watch Series 1”). The product included Bluetooth connectivity to an iPhone and the ability to talk into the device two key features of the Wireless Leash Plus. The integration of these features into a watch and other wearable technology was an idea presented by Zomm in one of its early meetings with Apple under the Confidentiality Agreement. The Apple Watch’s original operating system was watchOS 1. WatchOS 1 did not include an emergency contact feature.

51. Mr. Penix emailed Mr. Cook again on February 19, 2015, hoping that Zomm and Apple could still potentially work together, given Apple’s clear interest in using the Wireless Leash Plus and its many features for development purposes. Mr. Cook did not respond to Mr. Penix’s February 19, 2015 email.

52. On May 26, 2016, Mr. Penix emailed Mr. Cook again, asking to discuss the possibility of Apple and Zomm collaborating on the use of Zomm's technology in a watch or a device attached to a key ring.

53. Upon information and belief, Mr. Cook did not respond to Mr. Penix's May 26, 2016 email apparently because Apple planned to launch the Apple Watch that improperly used the features of Wireless Leash Plus, in direct contravention of the '895 Patent and in breach of the Confidentiality Agreement.

54. In or about June 2016, Apple held a public developer conference where Apple unveiled additional functionality that it planned to include in watchOS 3, which was a new operating system for use with the Apple Watch. Among the new features in watchOS 3 was a feature called "SOS," an emergency function that calls an emergency number if a user presses and holds the Apple Watch's side button for a few seconds.

55. Importantly, while 911 would be the appropriate emergency number in the United States, that is not the case in every country, so "SOS" was designed to call the correct emergency number for whatever country the user is in. The call routes through the user's iPhone, or directly from the Apple Watch if connected to Wi-Fi. After the emergency call, "SOS" can also alert emergency contacts the user has previously chosen, sending them information about the user's location.

56. Apple stole the "Emergency SOS" feature from Zomm in breach of the Confidentiality Agreement. Incorporation of the "Emergency SOS" feature in the Apple Watch Series 1 also infringed the '895 Patent.

57. The “SOS” feature was the subject of significant media attention. It became one of the stand-out features of watchOS 3. Some news articles about watchOS 3 were almost entirely devoted to this particular feature of the Apple Watch, barely mentioning other features such as smart home interconnectivity and expanded payment options.

58. Apple continued to order the Wireless Leash Plus. On November 4, 2016, now approximately four years after Apple removed the Wireless Leash Plus from all of its retail channels, Alleen Aniciete who was employed by Apple as an administrative assistant, ordered three Wireless Leash Plus units and had them delivered directly to Apple’s headquarters in Cupertino, California.

59. Upon information and belief, when reporting Apple’s earnings for the first fiscal quarter of 2017 (which included the 2016 holiday season – the first holiday season after watchOS 3 was released), Mr. Cook beamed that the Apple Watch set records in both units and revenue, and that “the holiday demand was so strong we couldn’t make enough.” See <https://www.theverge.com/2017/2/7/14537584/apple-6-million-apple-watch-sales-estimates>.

60. After luring Zomm into a relationship that had the promise of connecting two innovative companies working together to enhance lives through technology, Apple instead chose only to get close enough to Zomm to steal the company’s technology. Apple breached the Confidentiality Agreement, engaged in unfair competition and is actively and willfully infringing the ’895 Patent.

### **Zomm's '895 Patent and the Apple Watch**

61. Zomm is the owner of all right, title, and interest in '895 Patent entitled "Wireless Security Device and Method to Place Emergency Calls."

62. The application leading to the '895 Patent was filed on September 4, 2009 and was assigned to Zomm prior to issuance of the '895 Patent.

63. The '895 Patent was duly and properly issued by the United States Patent and Trademark Office on January 8, 2013,. A true and correct copy of the '895 Patent is attached hereto as Exhibit A.

64. In or about April 2015, Apple began offering the Apple Watch Series 1 for sale.

65. The Apple Watch Series 1 and 2, at least when running watchOS 3 or watchOS 4 (The "Accused Devices"), each is a wireless security device comprising a processor, a wireless transceiver, a memory, and computer program instructions stored in the memory.

66. According to an Apple Online Support Page, "To set up and use your Apple Watch, you need an iPhone 5 or later with the latest version of iOS."

<https://support.apple.com/en-us/HT204505>

67. The Accused Devices may each be paired to an Apple iPhone according to a Bluetooth wireless protocol profile. See <https://support.apple.com/en-us/HT204505>. For example, the Apple Watch Series 1 has featured Bluetooth 4.0 and 4.2.

68. The Accused Devices request and receive GPS coordinates from a paired iPhone. The GPS data is used to determine the location of the Accused Devices. For example, the Apple Watch Series 1 connects to an iPhone to get GPS data like distance traveled and pace.

69. The Accused Devices sold to customers have been delivered with one of Apple's watchOS operating systems pre-installed. The operating system of the Apple Watch Series 1 offered for sale at the time of this filing is Apple's watchOS 4. The Accused Devices, when sold with older operating systems installed, may be upgraded to Apple's watchOS 3 or watchOS 4.

70. Apple's watchOS 3 was released in or about September 2016.

71. Apple's watchOS 4 was released in or about September 2017.

72. The watchOS 3 operating system includes an Emergency SOS function.

Activating the Emergency SOS function causes the Accused Devices to attempt to call emergency services, either via a cellular network if an Apple iPhone is connected and has a cellular signal, or over Wi-Fi. The watchOS 4 operating systems also includes the Emergency SOS function.

73. To determine the emergency number for the user's location, the Accused Devices access a lookup table including one or more location codes and one or more emergency telephone numbers associated with the one or more location codes. The Accused Devices correlate the location of the Apple Watch with one of the location codes to select one of the emergency telephone numbers. The Accused Devices then send a command to the Apple iPhone over the Bluetooth connection to call the selected emergency telephone number.

74. Emergency contacts can be added via the Apple Watch app on an iPhone. When the Emergency SOS function is activated, the emergency contacts receive a prerecorded text message that includes the location of the Apple Watch.

**FIRST CAUSE OF ACTION**  
**(INFRINGEMENT OF THE '895 PATENT)**

75. Zomm restates and realleges the allegations set forth in paragraphs 1 through 74 above and incorporates them by reference.

76. Upon information and belief, Apple has infringed and continues to infringe, either literally or under the doctrine of equivalents, at least Claims 1 and 17 of the '895 Patent in violation of 35 U.S.C. § 271(a) by making, using, offering for sale or selling within the United States the Accused Devices and/or by importing into the United States the Accused Devices.

77. Upon information and belief, Apple has also infringed and continues to infringe at least Claims 1 and 17 of the '895 Patent in violation of 35 U.S.C. § 271(b) by inducing vendors, customers and others to make, use, sell, or offer for sale within the United States, products or processes that practice inventions of the '895 Patent with knowledge of and intent that such vendors, customers and others infringe the '895 Patent. Apple has intentionally caused, urged, encouraged, or aided in the action that induced infringement, including direct infringement, of the '895 Patent by vendors, customers and others. Upon information and belief, such intentional action includes, for example, inducing customers to infringe the '895 Patent by advertising features of the infringing products that meet the elements of Claims 1 and 17. As a result of its conduct, Apple has induced and is inducing such vendors, customers and others to make or use systems and methods, such as the Accused Devices, to infringe at least Claims 1 and 17 of the



'895 Patent. Additionally and in the alternative, Apple has induced and is inducing vendors, customers and others to implement and utilize parts of or all of the systems and methods of the Accused Devices to infringe at least Claims 1 and 17 of the '895 Patent. Apple has engaged and is engaging in this conduct while aware of the '895 Patent and with the intent to infringe, at least as of the filing of the Complaint.

78. Claim 1 recites: “[a] wireless security device comprising: a processor; a wireless transceiver; a memory; and computer program instructions stored in the memory, which, when executed by the processor, cause the wireless security device to perform operations . . . .” Based on present information, the Accused Devices are wireless security devices that include a processor, a wireless transceiver, and a memory. For example, within the Apple Watch Series 1, the processor and memory are contained in an integrated computer — S1 or S1P System in Package (SiP). Also in the Apple Watch Series 1, an application processor APL0778 is included as the central processing unit (CPU) and a Broadcom WiFi/BT/NFC/FM BCM43342 is included as the transceiver.

79. Claim 1 further recites: “selecting and implementing a Bluetooth wireless protocol profile from one or more Bluetooth wireless protocol profiles for connecting to one or more Bluetooth enabled devices . . . .” Claim 1 further recites: “wirelessly pairing, via the wireless transceiver over a personal area network, with a Bluetooth enabled telephony device using the selected Bluetooth wireless protocol profile, thus creating a wirelessly paired Bluetooth connection between the wireless security device and the telephony device . . . .” Computer program instructions stored in memory of the Accused Devices, when executed by the processor,

select and implement a Bluetooth wireless protocol profile. Specifically, the Accused Devices implement a Bluetooth Protocol, such as Bluetooth Protocol 4.0 or 4.2, to connect to and wirelessly pair with an Apple iPhone, another Bluetooth enabled device, over the personal area network formed by the Bluetooth connection. According to the Apple.com website, “Apple Watch Series 1 requires an iPhone 5s or later with iOS 11 or later.”

80. Claim 1 further recites: “sending a command to the telephony device requesting one or more of: [1] a telephone number of the telephony device; [2] a telephone network providing service to the telephony device; and [3] a global positioning system (GPS) location of the telephony device; receiving a response from the telephony device including one or more of: [1] the telephone number of the telephony device; [2] the telephone network providing service to the telephony device; and [3] the GPS location of the telephony device; and determining a current location of the telephony device based on one or more of the telephone number, the telephone network, and the GPS location . . . .” Computer program instructions stored in memory, when executed by the processor, cause the Accused Devices to send a command to the iPhone requesting a telephone number of the iPhone, a telephone network providing service to the iPhone; and/or a GPS location of the iPhone. The Accused Devices then receive a response from the iPhone indicating a telephone number of the iPhone, a telephone network providing service to the iPhone; and/or a GPS location of the iPhone, and uses that information to determine the location of the iPhone. The Accused Devices do not include a GPS sensor. Accordingly, upon information and belief, when using the Emergency SOS option or the built-in Maps application on the Accused Devices, the Accused Devices send a request to the iPhone for

GPS data identifying the location of the iPhone. The Accused Devices receive a response from the iPhone that includes the requested GPS data. The Accused Devices then use the GPS data to determine the location of the iPhone.

81. Claim 1 further recites: “accessing a lookup table stored in the memory including one or more location codes and one or more emergency telephone numbers associated with the one or more location codes; correlating the location with at least one of the one or more location codes to obtain at least one of the one or more emergency telephone numbers; [and] sending a command, over the wirelessly paired Bluetooth connection, to the telephony device to place a telephone call to the at least one of the one or more emergency telephone numbers . . . .” Apple’s watchOS 3 and watchOS 4 include an Emergency SOS option that can be swiped after holding the side button, or activated by holding the side button for a particular period of time. Using the Emergency SOS option causes the Accused Devices to attempt to call emergency services, either via cellular if an iPhone is connected and has signal, or over Wi-Fi directly. According to Apple’s website, “[w]hen you make a call with SOS, your Apple Watch automatically calls the local emergency number.” Upon information and belief, the Accused Devices determine the local emergency number by correlating the location of the iPhone with a location code in a lookup table stored in memory.

82. Claim 1 further recites: “once the telephone call is placed, sending a prerecorded emergency message to the telephony device over the wirelessly paired Bluetooth connection, causing the telephony device to transmit the prerecorded emergency message.” Emergency contacts can be added via the Apple Watch app on an iPhone. According to Apple’s website,

“[a]fter an emergency call ends, your Apple Watch alerts your emergency contacts with a text message, unless you choose to cancel. Your Apple Watch sends them your current location, and, for a period of time after you enter SOS mode, it sends your emergency contacts updates when your location changes.” Because the Accused Devices cannot make cellular calls, when the Accused Devices are not within range of a WiFi network, they must send messages via the paired iPhone.

83. Claim 17 recites the same steps performed by the software recited in Claim 1. Specifically, Claim 17 recites a method comprising:

- [a] selecting and implementing, by a wireless security device, a Bluetooth wireless protocol profile from one or more Bluetooth wireless protocol profiles for connecting to one or more Bluetooth enabled devices;
- [b] wirelessly pairing, via a wireless transceiver of the wireless security device over a personal area network, with a Bluetooth enabled telephony device using the selected Bluetooth wireless protocol profile, thus creating a wirelessly paired Bluetooth connection between the wireless security device and the telephony device;
- [c] sending a command to the telephony device requesting one or more of:
  - a telephone number of the telephony device;
  - a telephone network providing service to the telephony device; and
  - a global positioning system (GPS) location of the telephony device;
- [d] receiving a response from the telephony device including one or more of:

- the telephone number of the telephony device;
- the telephone network providing service to the telephony device; and
- the GPS location of the telephony device; and
- [e] determining a current location of the telephony device based on one or more of the telephone number, the telephone network, and the GPS location;
- [f] accessing a lookup table stored in the memory including one or more location codes and one or more emergency telephone numbers associated with the one or more location codes;
- [g] correlating the location with at least one of the one or more location codes to obtain at least one of the one or more emergency telephone numbers;
- [h] sending a command, by the wireless security device, over the wirelessly paired Bluetooth connection, to the telephony device to place a telephone call to the at least one of the one or more emergency telephone numbers; and
- [i] once the telephone call is placed, sending a prerecorded emergency message from the wireless security device to the telephony device over the wirelessly paired Bluetooth connection, causing the telephony device to transmit the prerecorded emergency message.

84. Apple's marketing materials, including its website and commercials, intentionally induce consumers to practice each of the steps recited in Claim 17. Apple advertises that the Accused Devices may be paired to an Apple iPhone according to a Bluetooth wireless protocol profile. By advertising the built-in Maps application and Emergency SOS option, Apple induces

users of the Accused Devices to send a command to the iPhone requesting the GPS location of the paired iPhone, receive in response the GPS location, and determine the location of the paired iPhone based on the GPS location. Also, by advertising the Emergency SOS option, Apple induces users to cause the Accused Devices to access a lookup table stored in memory, correlate the location of the paired iPhone with a location code stored in the lookup table, obtain an emergency telephone number stored in the lookup table, send a command by Bluetooth to the paired iPhone to place a call to the emergency telephone number, and send a prerecorded emergency message to the iPhone over the Bluetooth connection to be transmitted from the iPhone.

85. Zomm has been damaged by Apple's infringement of the '895 Patent, has been irreparably harmed by that infringement, and will suffer additional damages and irreparable harm unless this Court enjoins Apple from further infringement.

86. Upon information and belief, the infringement of one or more claims of the '895 Patent by Apple has been and continues to be willful and deliberate. As a result, Zomm is entitled to increased damages under 35 U.S.C. § 284 and to attorney fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

**SECOND CAUSE OF ACTION**  
**(BREACH OF CONTRACT)**

87. Zomm restates and realleges the allegations set forth in paragraphs 1 through 86 above and incorporates them by reference.

88. The Confidentiality Agreement is a valid, binding agreement between Zomm and Apple.

89. The information Zomm disclosed to Apple constitutes Confidential Information under the terms of the Confidentiality Agreement.

90. Zomm fully performed under the terms of the Confidentiality Agreement.

91. Upon information and belief, Apple has breached the Confidentiality Agreement by using Confidential Information provided by Zomm to Apple for impermissible purposes, including Apple's own benefit, in direct contravention of the terms of the Agreement.

92. As a result of Apple's breach of the Confidentiality Agreement, Zomm has lost sales and suffered damages, for which damages Apple is liable.

**THIRD CAUSE OF ACTION**  
**(UNFAIR COMPETITION UNDER NEW YORK COMMON LAW)**

93. Zomm restates and realleges the allegations set forth in paragraphs 1 through 92 above and incorporates them by reference.

94. Apple has intentionally and in bad faith misappropriated a commercial advantage belonging solely to Zomm. Apple gained an unfair advantage through its intentional misappropriation of Zomm's patented technology and rights, because Apple bore little or no development expense in copying said ideas and technology.

95. Apple also baited Zomm into signing the Confidentiality Agreement to obtain access to Zomm's confidential information, despite having no intention of abiding by its terms; instead, Apple misappropriated Zomm's confidential information for Apple's own benefit.

96. The forgoing conduct of Apple constitutes unfair competition under New York common law.

97. As a result of the forgoing conduct, Zomm has sustained both damages and irreparable harm.

**PRAYER FOR RELIEF**

**WHEREFORE**, Zomm prays for judgment:

- A. that Apple has infringed and is infringing the '895 Patent;
- B. enjoining Apple, its officers, agents, servants, employees, attorneys, successors and assigns and all other persons in active concert or participation with any of them from infringing, and/or inducing infringement of the '895 Patent;
- C. awarding Zomm compensatory damages for Apple's direct and indirect infringement of the patent-in-suit, in an amount to be ascertained at trial, including at least a reasonable royalty and/or Zomm's lost profits, together with interest and costs pursuant to 35 U.S.C. § 284;
- D. trebling the amount of compensatory damages for patent infringement pursuant to 35 U.S.C. § 284;
- E. awarding Zomm damages arising out of Apple's unfair competition and breach of contract and interest thereon;
- F. awarding Zomm reasonable attorneys' fees pursuant to 35 U.S.C. § 285;
- G. granting Zomm such other and further relief in law or in equity as this Court deems just or proper.

**DEMAND FOR JURY TRIAL**

Zomm demands a trial by jury on all issues so triable.



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Respectfully submitted,

/s/ Michael J. Zinna

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