1	ALVERSON, TAYLOR,	
2	MORTENSEN & SANDERS KURT R. BONDS, ESQ.	
3	Nevada Bar No. 6228	
4	ADAM R. KNECHT, ESQ. Nevada Bar No. 13166	
5	7401 W. Charleston Boulevard	
6	Las Vegas, NV 89117 (702) 384-7000	
7	efile@alversontaylor.com Attorneys for Plaintiff	
8		
9	UNITED STATES	DISTRICT COURT
10	DISTRICT C	F NEVADA
	* *	*
11	VOIP-PAL.COM, INC., a Nevada corporation,	CASE NO.:
12	Plaintiff,	
13	i iaiittii,	
14	V.	CHART 5 TO EXHIBIT E
15	VERIZON WIRELESS SERVICES, LLC, a	ASSERTED CLAIMS AND
16	Delaware limited liability corporation; VERIZON COMMUNICATIONS, INC., a	INFRINGEMENT CONDITIONS AS AGAINST THE VERIZON
17	Delaware corporation; AT&T, INC., a Delaware corporation; AT&T CORP., a	ENTITIES
18	Delaware corporation; and DOES I through X,	
19	inclusive,	
20	Defendants.	
21		
22	CHART 5 TO	EXHIRIT E
23		
24	CHART SUPPORTING ASSERTED CLAIM	
25	CONCERNING U.S. P	ATENT NO. 9,179,005
26	Verizon Wireless Services, Inc. and Veriz	on Communications, Inc. (collectively, "Verizon")
27	support and operate a messaging platform (the "V	erizon Messaging System") that includes desktop
28	computers, laptops, tablets and mobile devices, so	oftware applications running on such devices and

servers operated by Verizon. The Verizon Messaging System allows smartphone and desktop users to send messages including text, images, video and audio to others. Verizon practices certain claims of U.S. Patent 9,179,005 ("the '005 patent") as illustrated in the chart below.

The Verizon Messaging System allows devices to initiate a communication between a caller, or a first participant, and a callee, or a second participant, which may be n Verizon subscriber or a non-subscriber. A profile that includes attributes is used as part of the process that classifies a call.

This chart applies claims 1, 24 - 26, 49, 50, 73 - 77, 79, 83, 84, 88, 89, 92, 94 - 96, 98 and 99 of the '005 Patent to the Verizon Messaging System.

U.S. Patent No. 9,179,005		
Claim	Accused Device/Instrumentality	
1. [1p] A process for producing a routing message for routing communications between a caller and a callee in a communication system, the process comprising:	The Verizon Messaging System produce a routing message for routing communications between a caller and a callee in a communication system. Verizon offers messaging services through its Verizon Messages application, which is available for smartphone platforms including Android and iOS as well as desktop computers including those running Windows and MacOS. Get to know Verizon Messages syncs messages across multiple devices (smartphone, tablet and computer). Switch between devices whenever you want and keep the conversation going. Make and take calls on your tablet over Wi-Fi or cellular, domestic or international. Send gift cards from over 30 merchants to friends and families. You can even send 1GB of data.* Get it now > Download desktop app Go to web app Verizon Messages allows smartphones to send messages including text, audio, video and images to other smartphone users, including both Verizon subscribers and to non-subscribers.	
[1a] using a caller identifier	The Verizon Messaging System uses a caller identifier associated with the caller to locate a caller dialing profile comprising a plurality of calling	
associated with	attributes associated with the caller.	

U.S. Patent No. 9,179,005		
Claim	Accused Device/Instrumentality	
the caller to locate a caller dialing profile comprising a plurality of calling attributes associated with the caller;	In the Verizon Messaging System the caller identifier includes a phone number associated with the caller. A message is initiated by the Messages application. A caller dialing profile including calling attributes includes information used in the classification of a call, such as settings stored on the local device, information stored on the Verizon servers, and/or information obtained regarding the connection of the local device to the network.	
[1b] when at least one of said calling attributes and at least a portion of a callee identifier associated with the callee meet private network classification criteria,	The Verizon Messaging System determines if at least one of the calling attributes and at least a portion of a callee identifier associated with the callee meet private network classification criteria. The callee identifier includes a phone number associated with the callee. The Verizon Messaging System allows messages to be sent over Verizon's private network and over non-Verizon networks. Private network classification criteria represents routing the message using Verizon's private network. Calling attributes are used to establish a private network classification criteria.	
	An example of calling attributes being used to establish private network classification criteria is the use of caller information to interpret the callee identifier. For example, if the callee identifier is an international phone number with international dialing digits (IDD) or national dialing digits (NDD) prepended, information associated with the registered location of the caller and/or the physical location of the caller is used to determine how to reformat the callee identifier before it can be determined if the callee is a Verizon subscriber. Another example of calling attributes being used to establish private network classification criteria is the use of caller credit information. In cases where a communication involves a purchase, such as an eGift message, the caller account needs to be consulted to validate the customer credit, to determine if a purchase limit has been reached, and/or to determine if purchases have been blocked altogether.	

	U.S. Patent No. 9,179,005
Claim	Accused Device/Instrumentality
	3. Navigate to select the image and dollar value, then tap the Write your message here field to enter a message. Gift a Statubuck edift Card to (999)656-1212 Lulations Coffee Anytime Holiday Thank Select Value \$5 \$10 \$25 He is not only idle who does nothing Gift cards will be charged directly to your VZ account. Purchase. 4. Tap Purchase. Gift cards are charged directly to your VZ account. Another example of calling attributes being used to establish private network classification criteria is the use of caller account status information. If the account of the caller is active and not configured to block communication with the callee, and the callee is a Verizon subscriber, then the message can be sent using Verizon's private network.
[1c] producing a private network routing message for receipt by a call controller, said private network routing message identifying an address, on the private network, associated with the callee; and	The Verizon Messaging System produces a private network routing message for receipt by a call controller which identifies an address on the private network associated with the callee. In the case that the message is to be delivered over Verizon's private network a routing message is prepared for receipt by a call controller operated by Verizon.
[1d] when at least one of said calling attributes	The Verizon Messaging System determines if at least one of the calling attributes and at least a portion of the callee identifier meet public network classification criteria.

U.S. Patent No. 9,179,005		
Claim	Accused Device/Instrumentality	
and at least a portion of said callee identifier meet a public network classification criterion,	The Verizon Messaging System allows messages to be sent over Verizon's private network and over non-Verizon networks. Public network classification criteria represents routing the message using non-Verizon networks. Calling attributes are used to establish a public network classification criteria.	
	An example of calling attributes being used to establish public network classification criteria is the use of caller information to interpret the callee identifier. For example, if the callee identifier is an international phone number with international dialing digits (IDD) or national dialing digits (NDD) prepended, information associated with the registered location of the caller and/or the physical location of the caller is used to determine how to reformat the callee identifier before it can be determined if the callee is a Verizon subscriber.	
	Another example of calling attributes being used to establish private network classification criteria is the use of caller credit information. In cases where a communication involves a purchase, such as an eGift message, the caller account needs to be consulted to validate the customer credit, to determine if a purchase limit has been reached, and/or to determine if purchases have been blocked altogether.	
	3. Navigate to select the image and dollar value, then tap the Write your message here field to enter a message. Gift a Starbucks eGift Card to (999)555-1212 tulations Coffee Anytime Holiday Thank Y Select Value \$5 \$10 \$25 He is not only idle who does nothing. eGift cards will be charged directly to your VZ account. Purchase 4. Tap Purchase. → eGift cards are charged directly to your Verizon account.	
	Another example of calling attributes being used to establish public	

U.S. Patent No. 9,179,005		
Claim	Accused Device/Instrumentality	
	network classification criteria is the use of caller account status information. If the account of the caller is active and not configured to block communication with the callee, and the callee is not a Verizon subscriber, then the message must be sent using non-Verizon networks.	
[1e] producing a public network routing message for receipt by the call controller, said public network routing message identifying a gateway to the public network.	The Verizon Messaging System produces a public network routing message for receipt by a call controller which identifies a gateway to the public network. If a message is sent using non-Verizon networks, the device running the Messages application and/or a Verizon server identifies a gateway to a non-Verizon network.	
24. The process of claim 1, further comprising causing the private network routing message or the public network routing message to be communicated to a call controller to effect routing of the call.	The Verizon Messaging System cause the private network routing message or the public network routing message to be communicated to a call controller to effect routing of the call. The Verizon Messaging System uses a call routing controller apparatus that comprises the device running the Messages application and/or remote Verizon servers.	
25. A non-transitory computer readable medium encoded with codes for directing a processor to execute the method of claim 1.	The Verizon Messaging System include a non-transitory computer readable medium encoded with codes for directing a processor to execute the method of claim 1. The Verizon Messaging System uses processors with instructions in the device running the Messages application and/or the remote Verizon servers. See claim elements [1p], [1a], [1b], [1c], [1d] and [1e].	

ALVERSON, TAYLOR, MORTENSEN & SANDERS LAWYERS

7401 WEST CHARLESTON BOULEVARD	LAS VEGAS, NEVADA 89117-1401	(702) 384-7000
7401 V	ľ	

U.S. Patent No. 9,179,005			
Claim	Accused Device/Instrumentality		
26. [26p] A call routing controller apparatus for producing a routing message for routing communications between a caller and a callee in a communication system, the apparatus comprising:	The Verizon Messaging System include a call routing controller apparatus for producing a routing message for routing communications between a caller and a callee in a communication system. The Verizon Messaging System uses a call routing controller apparatus that includes the device running the Messages application and/or remote Verizon servers. See claim element [1p].		
[26a] at least one processor operably configured to:	The Verizon Messaging System include at least one processor. The Verizon Messaging System uses processors with instructions in the device running the Messages application and/or the remote Verizon servers.		
[26b] use a caller identifier associated with the caller to locate a caller dialing profile comprising a plurality of calling attributes associated with the caller;	See claim element [1a].		
[26c] when at least one of said calling attributes and at least a portion of a callee identifier associated with the callee meet private network classification	See claim element [1b].		

U.S. Patent No. 9,179,005		
Claim	Accused Device/Instrumentality	
criteria,		
[26d] produce a private network routing message for receipt by a call controller, said private network routing message identifying an address, on the private network, associated with the callee; and	See claim element [1c].	
[26e] when at least one of said calling attributes and at least a portion of said callee identifier meet a public network classification criterion,	See claim element [1d].	
[26f] produce a public network routing message for receipt by the call controller, said public network routing message identifying a gateway to the public network.	See claim element [1e].	
49. The apparatus of claim 26, wherein said at	The Verizon Messaging System cause the private network routing message or the public network routing message to be communicated to a call controller to effect routing of the call.	
least one	The Verizon Messaging System uses a call controller that includes the	

ALVERSON, TAYLOR, MORTENSEN & SANDERS LAWYERS

7401 WEST CHARLESTON BOULEVARD	LAS VEGAS, NEVADA 89117-1401	(702) 384-7000

U.S. Patent No. 9,179,005		
Claim	Accused Device/Instrumentality	
processor is further operably configured to cause the private network routing message or the public network routing message to be communicated to a call controller to effect routing of the call.	device running the Messages application and/or remote Verizon servers.	
50. [50p] A call routing controller apparatus for producing a routing message for routing communications between a caller and a callee in a communication system, the apparatus comprising:	The Verizon Messaging System include a call routing controller apparatus for producing a routing message for routing communications between a caller and a callee in a communication system. The Verizon Messaging System uses a call routing controller apparatus that includes the device running the Messages application and/or remote Verizon servers. See claim element [1p].	
[50a] means for using a caller identifier associated with the caller to locate a caller dialing profile comprising a plurality of calling attributes associated with the caller; and	See claim element [1a].	
[50b] means for, when at least one	See claim element [1b].	

U.S. Patent No. 9,179,005		
Claim	Accused Device/Instrumentality	
of said calling attributes and at least a portion of a callee identifier associated with the callee meet private network classification criteria,		
[50c] producing a private network routing message for receipt by a call controller, said private network routing message identifying an address, on the private network, associated with the callee; and	See claim element [1c].	
[50d] means for, when at least one of said calling attributes and at least a portion of said callee identifier meet a public network classification criterion,	See claim element [1d].	
[50e] producing a public network routing message for receipt by the call controller, said public network routing message identifying a	See claim element [1e].	

U.S. Patent No. 9,179,005	
Claim	Accused Device/Instrumentality
gateway to the public network.	
73. The apparatus of claim 50, further comprising means for causing the private network routing message or the public network routing message to be communicated to a call controller to effect routing of the call.	See claim element [49].
74. [74p] A method of routing communications in a packet switched network in which a first participant identifier is associated with a first participant and a second	The Verizon Messaging System routes communications in a packet switched network in which a first participant identifier is associated with a first participant and a second participant identifier is associated with a second participant in a communication. Verizon offers messaging services through its Verizon Messages application, which is available for smartphone platforms including Android and iOS as well as desktop computers including those running Windows and MacOS. Get to know Verizon Messages.
participant identifier is associated with a second participant in a communication, the method comprising:	Verizon Messages syncs messages across multiple devices (smartphone, tablet and computer). Switch between devices whenever you want and keep the conversation going. Make and take calls on your tablet over Wi-Fi or cellular, domestic or international. Send gift cards from over 30 merchants to friends and families. You can even send 1GB of data.* Get it now Download desktop app Go to web app Verizon Messages allows smartphones to send messages including text,

U.S. Patent No. 9,179,005		
Claim	Accused Device/Instrumentality	
	audio, video and images to other smartphone users, including both Verizon subscribers and to non-subscribers.	
	The Verizon Messaging System communicates over a packet switched network.	
	In Verizon Messaging System the first participant identifier includes a phone number associated with the first participant. The second participant identifier includes a phone number associated with the second participant.	
[74a] after the first participant has accessed the packet switched	The Verizon Messaging System, after the first participant has accessed the packet switched network to initiate the communication, uses the first participant identifier to locate a first participant profile comprising a plurality of attributes associated with the first participant.	
network to initiate the communication, using the first participant identifier to locate a first participant profile comprising a plurality of attributes associated with the first participant;	In the Verizon Messaging System a message is initiated by the Messages application. A caller dialing profile including calling attributes includes information used in the classification of a call, such as settings stored on the caller device, information stored on the Verizon servers, and/or information obtained regarding the connection of the local device to the network.	
[74b] when at least one of the first participant attributes and at	The Verizon Messaging System determines if at least one of the first participant attributes and at least a portion of the second participant identifier meet a first network classification criterion.	
least a portion of the second participant identifier meet a first network classification	The Verizon Messaging System allows messages to be sent over Verizon's private network and over non-Verizon networks. First network classification criteria represents routing the message using Verizon's private network. First participant attributes are used to establish a first network classification criteria.	
criterion,	An example of first participant attributes being used to establish first network classification criteria is the use of first participant information to interpret the second participant identifier. For example, if the second participant identifier is an international phone number with international	

U.S. Patent No. 9,179,005	
Claim	Accused Device/Instrumentality
	dialing digits (IDD) or national dialing digits (NDD) prepended, information associated with the registered location of the first participant and/or the physical location of the first participant is used to determine how to reformat the second participant identifier before it can be determined if the second participant is a Verizon subscriber.
	Another example of first participant attributes being used to establish first network classification criteria is the use of first participant credit information. In cases where a communication involves a purchase, such as an eGift message, the first participant account needs to be consulted to validate the customer credit, to determine if a purchase limit has been reached, and/or to determine if purchases have been blocked altogether.
	3. Navigate to select the image and dollar value, then tap the Write your message here field to enter a message. Gift a Starbucks eGift Card to (999)555-1212 tulations Coffee Anytime Holiday Thank Y Select Value \$5 \$10 \$25 He is not only idle who does nothing, ⊕ eGift cards will be charged directly to your VZ account. Purchase 4. Tap Purchase. → eGift cards are charged directly to your Verizon account.
	Another example of first participant attributes being used to establish first network classification criteria is the use of first participant account status information. If the account of the first participant is active and not configured to block communication with the second participant, and the second participant is a Verizon subscriber, then the message can be sent using Verizon's private network.
[74c] producing a first network routing message for receipt by a	The Verizon Messaging System produces a first network routing message for receipt by a controller which identifies an address, associated with the second participant, in a first portion of the packet switched network, which is controlled by an entity.

ALVERSON, TAYLOR, MORTENSEN & SANDERS

28

	U.S. Fatent No. 9,179,005		
2		Claim	Accused Device/Instrumentality
3		controller, the	
3		first network	In the case that the message is to be delivered over Verizon's private
4		routing message	network a routing message is prepared for receipt by a call controller
5		identifying an address in a first	operated by Verizon.
6		portion of the packet switched	
7		network, the	
		address being	
8		associated with	
9		the second	
		participant, the first portion	
10		being controlled	
11		by an entity; and	
12	•	[74d] when at	The Verizon Messaging System determines if at least one of the first
13		least one of the first participant	participant attributes and at least a portion of the second participant identifier meet a second network classification criterion.
14		attributes and at	
		least a portion of	The Verizon Messaging System allows messages to be sent over Verizon's
15		the second	private network and over non-Verizon networks. Second network
16		participant identifier meet a	classification criteria represents routing the message using non-Verizon networks. First participant attributes are used to establish a second
17		second network classification	network classification criteria.
18		criterion,	An example of first participant attributes being used to establish second
19			network classification criteria is the use of first participant information to interpret the second participant identifier. For example, if the second
20			participant identifier is an international phone number with international
21			dialing digits (IDD) or national dialing digits (NDD) prepended, information associated with the registered location of the first participant
22			and/or the physical location of the first participant is used to determine how
23			to reformat the second participant identifier before it can be determined if the second participant is a Verizon subscriber.
23			
24			Another example of first participant attributes being used to establish second network classification criteria is the use of first participant credit
25			information. In cases where a communication involves a purchase, such as
26			an eGift message, the first participant account needs to be consulted to validate the customer credit, to determine if a purchase limit has been
27			reached, and/or to determine if purchases have been blocked altogether.

U.S. Patent No. 9,179,005

U.S. Patent No. 9,179,005	
Claim	Accused Device/Instrumentality
	3. Navigate to select the image and dollar value, then tap the Write your message here field to enter a message. Gift a Starbucks edift Card to (999)555-1212 Lulations Coffee Anytime Holiday Thank'y Select Value \$5 \$10 \$25 He is not only idle who does nothing. Gift cards will be charged directly to your Verizon account. 4. Tap Purchase. → eGift cards are charged directly to your Verizon account. Another example of first participant attributes being used to establish second network classification criteria is the use of first participant account status information. If the account of the first participant is active and not configured to block communication with the second participant, and the second participant is not a Verizon subscriber, then the message must be sent using non-Verizon networks.
[74e] producing a second network routing message for receipt by the controller, the second network routing message identifying an address in a second portion of the packet switched network, the second portion not controlled by the entity.	The Verizon Messaging System produce a second network routing message for receipt by the controller which identifies an address in a second portion of the packet switched network, which is not controlled by the entity. If a message is sent using non-Verizon networks, the device running the Messages application and/or a Verizon server identifies a gateway to a non-Verizon network.
15	

U.S. Patent No. 9,179,005		
Claim	Accused Device/Instrumentality	
75. The method of claim 74, wherein the packet switched network comprises the Internet.	In the Verizon Messaging System the packet switched network includes the Internet.	
76. The method of claim 74, wherein the first participant identifier comprises a first participant telephone number or username.	In the Verizon Messaging System the first participant identifier comprises a first participant telephone number or username.	
77. The method of claim 74, wherein the second participant identifier comprises a second participant telephone number or username.	In the Verizon Messaging System the second participant identifier comprises a second participant telephone number or username.	
79. The method of claim 74, wherein the packet switched network is accessed via an Internet service provider.	In the Verizon Messaging System the packet switched network is accessed via an Internet service provider.	
83. The method of claim 74, wherein the first	In the Verizon Messaging System the first network classification criterion is satisfied when an address associated with the first participant and the address associated with the second participant are both in the first portion	

	U.S. Patent No. 9,179,005	
Claim	Accused Device/Instrumentality	
network classification criterion is satisfied when an address associated with the first participant and the address associated with the second participant are both in the first portion of the packet switched network.	of the packet switched network.	
84. The method of claim 74, wherein the address in the first portion is accessible through the first participant's Internet service provider.	In the Verizon Messaging System the address in the first portion is accessible through the first participant's Internet service provider.	
88. The method of claim 74, wherein the entity is an entity supplying communication services for the first portion.	In the Verizon Messaging System the entity is an entity supplying communication services for the first portion.	
89. The method of claim 74, wherein the second network classification criterion is satisfied when	In the Verizon Messaging System the second network classification criterion is satisfied when access to the second participant requires routing through a portion of the packet switched network operated by a communication service supplier.	

U.S. Patent No. 9,179,005		
Claim	Accused Device/Instrumentality	
access to the second participant requires routing through a portion of the packet switched network operated by a communication service supplier.		
92. The method of claim 74, wherein the address in the second portion of the packet switched network comprises an address accessed by a communication service supplier.	In the Verizon Messaging System the address in the second portion of the packet switched network comprises an address accessed by a communication service supplier.	
94. [94p] A system for routing communications in a packet switched network in which a first participant in a communication has an associated first participant identifier and a second participant in the communication has an associated second	The Verizon Messaging System routes communications in a packet switched network in which a first participant in a communication has an associated first participant identifier and a second participant in the communication has an associated second participant identifier. See claim element [74p].	

	U.S. Patent No. 9,179,005	
Claim	Accused Device/Instrumentality	
participant identifier, the system comprising:		
[94a] a controller comprising: a processor operably configured to access a memory, wherein the processor is configured to:	The Verizon Messaging System include a controller comprising a processor operably configured to access a memory. The Verizon Messaging System uses a controller with processors, memory and instructions that includes the device running the Messages application and/or remote Verizon servers.	
[94b] after the first participant has accessed the packet switched network to initiate the communication, locate a first participant profile in the memory using the first participant identifier, the first participant profile comprising a plurality of attributes associated with the first participant;	See claim element [74a].	
[94c] produce a first network routing message when at least one of the first	See claim element [74b].	

U.S. Patent No. 9,179,005	
Claim	Accused Device/Instrumentality
participant attributes and at least a portion of the second participant identifier meet a first network classification criterion,	
[94d] the first network routing message identifying an address in a first portion of the packet switched network, the address being associated with the second participant, the first portion being controlled by an entity; and	See claim element [74c].
[94e] produce a second network routing message when at least one of the first participant attributes and at least a portion of the second participant identifier meet a second network classification criterion,	See claim element [74d].
[94f] the second network routing message	See claim element [74e].

U.S. Patent No. 9,179,005		
Claim	Accused Device/Instrumentality	
identifying an address in a second portion of the packet switched network, the second portion not controlled by the entity.		
95. The system of claim 94, wherein the communication comprises a voice-over-IP communication.	See claim 78.	
96. The system of claim 94, wherein the packet switched network is accessed via an Internet service provider.	See claim 79.	
98. The system of claim 94, wherein the second network classification criterion is satisfied when access to the second participant requires routing through a portion of the packet switched network operated by a communication	See claim 89.	

U.S. Patent No. 9,179,005		
Claim	Accused Device/Instrumentality	
service supplier.		
99. [99p] A non-transitory computer readable medium comprising instructions that when executed	The Verizon Messaging System include a non-transitory computer readable medium comprising instructions that when executed cause a processor to perform a method of routing communications in a packet switched network in which a first participant identifier is associated with a first participant and a second participant identifier is associated with a second participant in a communication	
cause a processor to perform a method of routing	The Verizon Messaging System uses processors with instructions in the device running the Messages application and/or the remote Verizon servers.	
communications in a packet switched network in which a first participant identifier is associated with a first participant and a second participant identifier is associated with a second participant in a communication, the method comprising:	See claim element [74p].	
[99a] after the first participant has accessed the packet switched network to initiate the communication, using the first participant identifier to locate a first participant profile	See claim element [74a].	

U.S. Patent No. 9,179,005		
Claim	Accused Device/Instrumentality	
comprising a plurality of attributes associated with the first participant;		
[99b] when at least one of the first participant attributes and at least a portion of the second participant identifier meet a first network classification criterion,	See claim element [74b].	
[99c] producing a first network routing message for receipt by a controller, the first network routing message identifying an address in a first portion of the packet switched network, the address being associated with the second participant, the first portion being controlled by an entity; and	See claim element [74c].	
[99d] when at least one of the first participant attributes and at least a portion of	See claim element [74d].	

U.S. Patent No. 9,179,005		
Claim	Accused Device/Instrumentality	
the second participant identifier meet a second network classification criterion, [99e] producing a second network routing message for receipt by the controller, the second network routing message identifying an address in a second portion of the packet switched network, the second portion	See claim element [74e].	
not controlled by the entity.		