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12 UNITED STATES DISTRICT COURT

13 DISTRICT OF NEVADA

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15 VOIP-PAL.COM, INC., a Nevada corporation,

CASE NO.:

16 Plaintiff,

17 v.

CHART 1 TO EXHIBIT F

18 VERIZON WIRELESS SERVICES, LLC, a
19 Delaware limited liability corporation;
20 VERIZON COMMUNICATIONS, INC., a
21 Delaware corporation; AT&T, INC., a
22 Delaware corporation; AT&T CORP., a
23 Delaware corporation; and DOES I through X,
24 inclusive,

**ASSERTED CLAIMS AND
INFRINGEMENT CONDITIONS AS
AGAINST THE AT&T ENTITIES**

25 Defendants.

CHART 1 TO EXHIBIT F

**CHART SUPPORTING ASSERTED CLAIMS AND INFRINGEMENT CONTENTIONS
CONCERNING U.S. PATENT NO. 8,542,815**

26 AT&T, Inc. and AT&T Corp. (collectively, "AT&T") offer Voice over IP products and
27 services ("AT&T VoIP") utilizing equipment at the customer or business premises and a collection
28 of servers and gateways. AT&T practices certain claims of U.S. Patent 8,542,815 ("815 Patent") as
illustrated by the chart below.

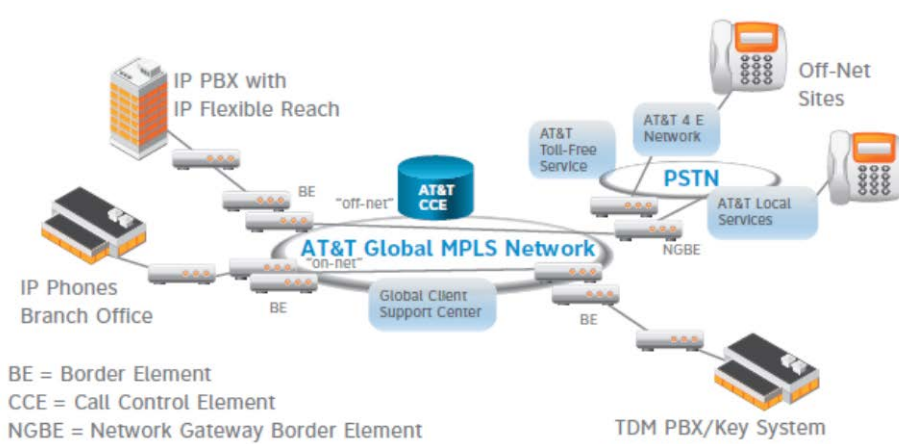
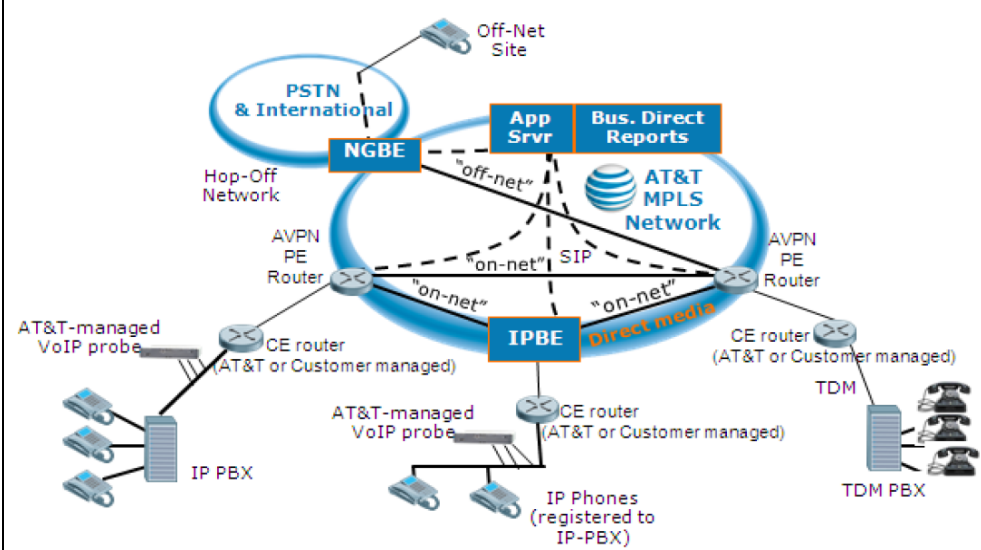
1 AT&T on-premises equipment initiates a call and identifies a caller and a callee. The callee
 2 may be an AT&T subscriber, or a non-subscriber. A profile that includes attributes is used as part of
 3 the process that classifies a call.

4 This chart applies claims 1, 7, 27, 28, 34, 54, 72 – 74, 92, 93 and 111 of the '815 Patent to
 5 AT&T VoIP.

U.S. Patent No. 8,542,815	
Claim	Accused Device/Instrumentality
<p>9 1. [1p] A process 10 for operating a 11 call routing 12 controller to 13 facilitate 14 communication 15 between callers 16 and callees in a 17 system 18 comprising a 19 plurality of 20 nodes with 21 which callers and 22 callees are 23 associated, the 24 process 25 comprising:</p>	<p>AT&T VoIP includes a call routing controller to facilitate communication between callers and callees in a system comprising a plurality of nodes with which callers and callees are associated.</p> <p>AT&T offers VoIP services to home users and business customers via their U-Verse Voice service. AT&T enterprise products and services include AT&T Voice DNA, AT&T IP Flexible Reach, AT&T SIP Trunking, AT&T Hosted VoIP, AT&T Business in a Box and AT&T UC Voice.</p> <p>AT&T's U-Verse Voice service uses a VSDL gateway at the customer premises is coupled to a DSL connection to the AT&T network.</p> <div style="text-align: center;"> <p>Images are not to scale.</p> </div> <p>The VDSL gateway is attached to a local phone and allows phone calls to others anywhere in the world, to both AT&T subscribers and to non-subscribers.</p>

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U.S. Patent No. 8,542,815

Claim	Accused Device/Instrumentality
	<p>AT&T IP Flexible Reach supports routing calls to callees via gateways such as public switched telephone network (PSTN) gateways. “On-net” calls are routed through AT&T’s private network and “off-net” calls are routed over PSTN networks.</p> <p style="text-align: center;">IP Flexible Reach for TDM and IP PBXs</p>  <p>BE = Border Element CCE = Call Control Element NGBE = Network Gateway Border Element</p> <p>All Sites connected via MIS/PNT</p> <p style="text-align: center;">Service Components, standard and options</p>  <p>AT&T VoIP uses a call routing controller that comprises the on-premises equipment and/or AT&T operated equipment.</p> <p>AT&T VoIP utilizes a plurality of nodes with which callers and callees are associated.</p>

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Claim	Accused Device/Instrumentality
<p>[1a] in response to initiation of a call by a calling subscriber, receiving a caller identifier and a callee identifier;</p>	<p>AT&T VoIP receives a caller identifier and a callee identifier in response to initiation of a call by a calling subscriber.</p> <p>AT&T equipment and services utilize a SIP or similar protocol for voice call initiation. In the SIP protocol an “INVITE” message is used as part of the call setup process, such as is described in RFC 3261. The caller identifier includes information in the “From:” part of the SIP invite message, which includes a phone number of the caller and/or another identification of the caller device. The callee identifier includes a phone number associated with the callee.</p>
<p>[1b] locating a caller dialing profile comprising a username associated with the caller and a plurality of calling attributes associated with the caller;</p>	<p>AT&T VoIP locates a caller dialing profile comprising a username associated with the caller and a plurality of calling attributes associated with the caller.</p> <p>A caller dialing profile including calling attributes includes information used in the classification of a call, such as settings stored on the on-premises equipment, information stored on AT&T servers, and/or information obtained regarding the connection of the caller device to the network.</p>
<p>[1c] determining a match when at least one of said calling attributes matches at least a portion of said callee identifier;</p>	<p>AT&T VoIP determines a match when at least one of said calling attributes matches at least a portion of said callee identifier.</p> <p>AT&T VoIP matches at least one of the calling attributes and at least a portion of the callee identifier in interpreting the callee identifier.</p>
<p>[1d] classifying the call as a public network call when said match meets public network classification criteria and classifying the call as a private network call when said match meets private network classification criteria;</p>	<p>AT&T VoIP classifies the call as a public network call when the match meets public network classification criteria and classifying the call as a private network call when the match meets private network classification criteria.</p> <p>AT&T VoIP allows calls to be made using AT&T’s private network and over a public network such as the PSTN. Private network classification criteria represents routing calls over AT&T’s private network. Public network classification criteria represents routing calls over a public network such as the PSTN. Calling attributes are used to establish a</p>

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U.S. Patent No. 8,542,815	
Claim	Accused Device/Instrumentality
<p>network call when said match meets private network classification criteria;</p>	<p>private or public network classification criteria.</p> <p>One example of calling attributes being used to establish private and public network classification criteria is the use of caller related information to interpret the callee identifier. The callee identifier may need to be interpreted according to the location from which the caller is registered and/or the location from which the caller is currently located, for example to handle international, national and local dialing patterns, or to interpret local extension numbers within an enterprise. Also, abbreviated dialing patterns such as 311, 511 and 811 are handled according to a local calling area. An emergency address is needed in the case of 911 calls that are handled using AT&T VoIP. For example, AT&T UC Voice allows a dialing plan to be configured to set up a dialing pattern for individual lines.</p> <p style="color: green;">Configure Dial Plan</p> <p>In the examples shown below, four normalization rules created under the Global dial plan are used to normalize enterprise voice calls. The rules normalize 4-digit and 10-digit numbers dialed in Lync to their corresponding E.164 numbers, along with calls to international phone numbers and 7-digit numbers to reach UC Voice users.</p>
<p>[1e] when the call is classified as a private network call, 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;</p>	<p>AT&T VoIP produces a private network routing message for receipt by a call controller that identifies an address, on the private network, associated with the callee, when the call is classified as a private network call.</p> <p>The AT&T operated controller routes the call using a routing message to its own subscriber over its private network.</p>
<p>[1f] when the call is classified as a public network call, producing a public network</p>	<p>AT&T VoIP produces a public network routing message for receipt by the call controller that identifies a gateway to the public network, when the call is classified as a public network call.</p> <p>If a call is made over a public network, the AT&T operated controller routes the call using a routing message to a gateway associated with a</p>

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Claim	Accused Device/Instrumentality
routing message for receipt by the call controller, said public network routing message identifying a gateway to the public network.	public network such as the PSTN.
7. The process of claim 1 further comprising formatting said callee identifier into a pre-defined digit format to produce a re-formatted callee identifier.	AT&T VoIP formats said callee identifier into a pre-defined digit format to produce a re-formatted callee identifier.
27. [27p] A non-transitory computer readable medium encoded with codes for directing a processor to execute a method of operating a call routing controller to facilitate communication between callers and callees in a system comprising a plurality of nodes with which callers and callees are	AT&T VoIP includes a non-transitory computer readable medium encoded with codes for directing a processor to execute a method of operating a call routing controller to facilitate communication between callers and callees in a system comprising a plurality of nodes with which callers and callees are associated. See claim element [1p].

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Claim	Accused Device/Instrumentality
associated, the method comprising:	
[27a] in response to initiation of a call by a calling subscriber, receiving a caller identifier and a callee identifier;	See claim element [1a].
[27b] locating a caller dialing profile comprising a username associated with the caller and a plurality of calling attributes associated with the caller;	See claim element [1b].
[27c] determining a match when at least one of said calling attributes matches at least a portion of said callee identifier;	See claim element [1c].
[27d] classifying the call as a public network call when said match meets public network classification criteria and classifying the call as a private network call	See claim element [1d].

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Claim	Accused Device/Instrumentality
when said match meets private network classification criteria;	
[27e] when the call is classified as a private network call, 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 [1e].
[27f] when the call is classified as a public network call, producing a public network routing message for receipt by a call controller, said public network routing message identifying a gateway to the public network.	See claim element [1f].
28. [28p] A call routing apparatus for facilitating communications	AT&T VoIP includes a call routing apparatus for facilitating communications between callers and callees in a system comprising a plurality of nodes with which callers and callees are associated.

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Claim	Accused Device/Instrumentality
between callers and callees in a system comprising a plurality of nodes with which callers and callees are associated, the apparatus comprising:	See claim element [1p].
[28a] receiving means for receiving a caller identifier and a callee identifier, in response to initiation of a call by a calling subscriber;	See claim element [1a].
[28b] means for locating a caller dialing profile comprising a username associated with the caller and a plurality of calling attributes associated with the caller;	See claim element [1b].
[28c] means for determining a match when at least one of said calling attributes matches at least a portion of said callee identifier;	See claim element [1c].
[28d] means for	See claim element [1d].

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Claim	Accused Device/Instrumentality
classifying the call as a public network call when said match meets public network classification criteria;	
[28e] means for classifying the call as a private network call when said match meets private network classification criteria;	See claim element [1d].
[28f] means for producing a private network routing message for receipt by a call controller, when the call is classified as a private network call, said private network routing message identifying an address, on the private network, associated with the callee; and	See claim element [1e].
[28g] means for producing a public network routing message for receipt by a call controller, when the call is	See claim element [1f].

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Claim	Accused Device/Instrumentality
classified as a public network call, said public network routing message identifying a gateway to the public network.	
34. The apparatus of claim 28 further comprising formatting means for formatting said callee identifier into a pre-defined digit format to produce a re-formatted callee identifier.	See claim 7.
54. [54p] A process for operating a call routing controller to establish a call between a caller and a callee in a communication system, the process comprising:	AT&T VoIP includes a call routing controller to establish a call between a caller and a callee in a communication system. See claim element [1p].
[54a] in response to initiation of a call by a calling subscriber, locating a caller dialing profile comprising a	See claim element [1b].

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Claim	Accused Device/Instrumentality
plurality of calling attributes associated with the caller; and	
[54b] when at least one of said calling attributes and at least a portion of a callee identifier associated with the callee match and when the match meets a private network classification criterion,	See claim elements [1c], [1d].
[54c] producing a private network routing message for receipt by a call controller, said private network routing message identifying an address, on a private network, the address being associated with the callee; and	See claim element [1e].
[54d] when at least one of said calling attributes and said at least said portion of said callee identifier associated with the callee match and when the	See claim elements [1c], [1d].

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Claim	Accused Device/Instrumentality
match meets a public network classification criterion,	
[54e] producing a public network routing message for receipt by a call controller, said public network routing message identifying a gateway to a public network.	See claim element [1f].
72. The process of claim 54 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.	AT&T VoIP causes 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.
73. A non-transitory computer readable medium encoded with codes for directing a processor to execute the method of claim 54.	AT&T VoIP includes a non-transitory computer readable medium encoded with codes for directing a processor to execute the method of claim 54. See claim elements [54p], [54a], [54b], [54c], [54d] and [54e].

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Claim	Accused Device/Instrumentality
74. [74p] A call routing controller apparatus for establishing a call between a caller and a callee in a communication system, the apparatus comprising:	AT&T VoIP includes a call routing controller apparatus for establishing a call between a caller and a callee in a communication system. See claim element [1p].
[74a] a processor operably configured to:	AT&T VoIP includes of multiple machines with processors at multiple AT&T locations, including servers and gateways accessible over local and wide area networks.
[74b] access a database of caller dialing profiles wherein each dialing profile associates a plurality of calling attributes with a respective subscriber, to locate a dialing profile associated with the caller, in response to initiation of a call by a calling subscriber; and	AT&T VoIP includes a database of caller dialing profiles, each associating a plurality of calling attributes with a respective subscriber, to locate a dialing profile associated with the caller, in response to initiation of a call by a calling subscriber. See claim elements [1a], [1b].
[74c] produce a private network routing message for receipt by a call controller, said private network routing message	See claim element [1e].

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Claim	Accused Device/Instrumentality
identifying an address, on a private network, through which the call is to be routed,	
[74d] when at least one of said calling attributes and at least a portion of a callee identifier associated with the callee match and when the match meets a private network classification criterion, the address being associated with the callee; and	See claim elements [1c], [1d].
[74e] produce a public network routing message for receipt by a call controller, said public network routing message identifying a gateway to a public network,	See claim element [1f].
[74f] when at least one of said calling attributes and said at least said portion of said callee identifier associated with	See claim elements [1c], [1d].

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Claim	Accused Device/Instrumentality
the callee match and when the match meets a public network classification criterion.	
92. The apparatus of claim 74 wherein said 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.	AT&T VoIP causes the private network routing message or the public network routing message to be communicated to a call controller to effect routing of the call.
93. [93p] A call routing controller apparatus for establishing a call between a caller and a callee in a communication system, the apparatus comprising:	AT&T VoIP establishes a call between a caller and a callee in a communication system. See claim element [1p].
[93a] means for accessing a database of caller dialing profiles wherein each dialing profile associates a	See claim element [74b].

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Claim	Accused Device/Instrumentality
plurality of calling attributes with a respective subscriber, to locate a dialing profile associated with the caller, in response to initiation of a call by a calling subscriber; and	
[93b] means for producing a private network routing message for receipt by a call controller, said private network routing message identifying an address, on a private network, through which the call is to be routed,	See claim element [74c].
[93c] when at least one of said calling attributes and at least a portion of a callee identifier associated with the callee match and when the match meets a private network classification criterion, the address being associated with	See claim element [74d].

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Claim	Accused Device/Instrumentality
the callee; and	
[93d] means for producing a public network routing message for receipt by a call controller, said public network routing message identifying a gateway to a public network	See claim element [74e].
[93e] when at least one of said calling attributes and said at least said portion of said callee identifier associated with the callee match and when the match meets a public network classification criterion.	See claim element [74f]
111. The apparatus of claim 93 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	AT&T VoIP comprises 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.

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of the call.	