

**U.S. Patent No. 9,185,227**

1[Pre]: A computer implemented method for completing an incomplete call made by a calling party to a called party, comprising:	11[Pre]: A computer system for completing an incomplete call made by a calling party to a called party, comprising:
1[a]: providing a call completion application executable by at least one processor on a calling party device;	11[a]: a non-transitory computer readable storage medium configured to store a call completion application on a calling party device;
	11[b]: at least one processor communicatively coupled to said non-transitory computer readable storage medium, said at least one processor configured to execute said call completion application on said calling party device; and
1[b]: detecting said incomplete call made by said calling party to said called party, by said call completion application on said calling party device,	11[c]: said call completion application on said calling party device, comprising:
	11[d]: a call detection module configured to detect said incomplete call made by said calling party to said called party;
1[c]: wherein said incomplete call is a call that is not connected to a called party device due to occurrence of one or more of a plurality of events	
1[d(i)]: receiving one or more of a plurality of call completion actions to be performed by said call completion application on said calling party device to complete said detected incomplete call,	11[e(i)]: an action determination module configured to receive one or more of a plurality of call completion actions to be performed to complete said detected incomplete call
1[d(ii)]: wherein said plurality of call completion actions are selected according to one or more responses provided by said calling party through a graphical user interface of said calling party device,	11[e(ii)]: wherein said plurality of call completion actions are selected according to one or more responses provided by said calling party through a graphical user interface of said calling party device,

<p>1[d(iii)]: wherein said call completion actions comprise setting a reminder to call back said called party at a configurable time, recording media data on said calling party device, transmitting said media data to a called party device, transmitting a missed call alert to said called party device, transmitting a notification of said detected incomplete call to said called party device, transmitting a notification on availability of said called party, transmitting said media data to a social networking platform, transmitting an automated message requesting said called party to call back said calling party when available, and any combination thereof; and</p>	<p>11[e(iii)]: and wherein said call completion actions comprise setting a reminder to call back said called party at a configurable time, recording media data on said calling party device, transmitting said media data to a called party device, transmitting a missed call alert to said called party device, transmitting a notification of said detected incomplete call to said called party device, transmitting a notification on availability of said called party, transmitting said media data to a social networking platform, transmitting an automated message requesting said called party to call back said calling party when available, and any combination thereof; and</p>
<p>1[e]: triggering execution of said received one or more of said call completion actions by said call completion application on said calling party device based on one or more of action execution criteria for said completion of detected incomplete call.</p>	<p>11[f]: an action execution module configured to trigger execution of said received one or more of said call completion actions based on one or more of action execution criteria one or more responses selected by said calling party for said completion of said detected incomplete call.</p>
	<p>12[a]: The computer system of claim 11, wherein said incomplete call is a call that is not connected to a called party device due to occurrence of one or more of a plurality of events,</p>
<p>2. The computer implemented method of claim 1, wherein said events comprise said called party being busy, said called party device being in an out of coverage area, said called party device being unreachable, said called party device being switched off, network congestion, and said call not being answered by said called party.</p>	<p>12[b]: wherein said events comprise said called party being busy, said called party device being in an out of coverage area, said called party device being unreachable, said called party device being switched off, network congestion, and said call not being answered by said called party.</p>
<p>3. The computer implemented method</p>	<p>13. The computer system of claim 11,</p>

of claim 1, wherein said incomplete call is a call of a short duration that does not enable an intended communication to occur between said calling party and said called party.	wherein said incomplete call is a call of a short duration that does not enable an intended communication to occur between said calling party and said called party.
4. The computer implemented method of claim 1, wherein said one or more of said call completion actions are received by said call completion application based on a duration of said detected incomplete call.	14. The computer system of claim 11, wherein said action determination module is further configured to receive said one or more of said call completion actions based on a duration of said detected incomplete call.
5[a]: The computer implemented method of claim 1, wherein said action execution criteria comprise configuration of said call completion actions on said calling party device,	15[a]: The computer system of claim 11, wherein said action execution criteria comprise configuration of said call completion actions on said calling party device,
5[b]: one of a presence and an absence of one or more of a message box and a messaging application for receiving media data on one of a network account of said called party and a called party device,	15[b]: one of a presence and an absence of one or more of a message box and a messaging application for receiving media data on one of a network account of said called party and a called party device,
5[c]: one of a presence and an absence of a data connection from said calling party device to a network,	15[c]: one of a presence and an absence of a data connection from said calling party device to a network,
5[d]: one of a presence and an absence of a messaging service in a network component of said called party,	15[d]: one of a presence and an absence of a messaging service in a network component of said called party,
5[e]: one of a presence and an absence of a messaging service in a network component of said calling party,	15[e]: one of a presence and an absence of a messaging service in a network component of said calling party,
5[f]: reach of said messaging service to deliver said media data to one of said network component of said called party and said called party device,	15[f]: reach of said messaging service to deliver said media data to one of said network component of said called party and said called party device,
5[g]: network options provided to said calling party device and said called party device by said network to which said calling party device and said called	15[g]: network options provided to said calling party device and said called party device by said network to which said calling party device and said called party device are

party device are connected, and	connected, and
5[h]: call completion preferences configured by said call completion application on said calling party device.	15[h]: call completion preferences configured by said call completion application on said calling party device.
6. The computer implemented method of claim 1, wherein said one or more of said call completion actions to be performed by said call completion application on said calling party device to complete said detected incomplete call is based on one or more of configurable criteria configured by said calling party.	
8. The computer implemented method of claim 1, wherein said media data comprises one of text data, audio data, video data, audiovisual data, image data, multimedia data, message data, and any combination thereof.	17. The computer system of claim 11, wherein said media data comprises one of text data, audio data, video data, audiovisual data, image data, multimedia data, message data, and any combination thereof.
9. The computer implemented method of claim 1, further comprising determining a mode of transmission of media data from said calling party device to a called party device via a network, by said call completion application on said calling party device based on one or more of said action execution criteria.	18. The computer system of claim 11, wherein said action execution module is further configured to determine a mode of transmission of media data from said calling party device to a called party device via a network based on one or more of said action execution criteria.
10. The computer implemented method of claim 1, further comprising monitoring said incomplete call by said call completion application on said calling party device as said incomplete call progresses from said incomplete call being initiated, said incomplete call being one of answered and rejected, and said incomplete call being terminated.	19. The computer system of claim 11, wherein said call detection module is further configured to monitor said incomplete call on said calling party device as said incomplete call progresses from said incomplete call being initiated, said incomplete call being one of answered and rejected, and said incomplete call being terminated.