

'752 Patent	'918 Patent	'726 Patent
Proximity Alert Claims		
14[pre] A communication system comprising:	1[pre] A communication system comprising:	1[pre] A communication system comprising:
14[A] a portable mobile remote unit;	1[A] a portable mobile remote unit;	1[A] (i) a portable mobile remote unit;
14[B] a network of communication units;	1[B] a network of communication units,	1[B] (ii) a network of communication units;
14[C] means to obtain the location of the portable mobile remote unit;	1[C] means to obtain the location of the portable mobile remote unit,	1[C] (iii) the portable mobile remote unit able to communicate with at least a transmitter within the network to establish its geographic location within the system;
14[D] means to obtain geographic boundary information in order to disclose a global location at the network;	1[D] means to obtain geographic boundary information in order to disclose a global location at the network;	1[D] (iv) means to request for the location information of portable mobile remote units that are in a geographic boundary that is prescribed within the coverage area of said network;
14[E] means to provide the location of the portable mobile remote unit to the network upon determination that the portable mobile remote unit is within the geographic boundary obtained at the network;	1[E] means to provide the location of the portable mobile remote unit to the network upon determination that the portable mobile remote unit is within the geographic boundary obtained at the network;	1[E] (v) means to provide the location information of the portable mobile remote unit to the network upon determination that the portable mobile remote unit is within said prescribed geographic boundary requested by the network;
14[F] means to determine	1[F] means to determine	1[F] (vi) means to

and report to the system upon request that, another mobile remote unit of the network has tracked the portable mobile remote over a period of time.	and report to the system upon request that, another mobile remote unit of the network has tracked the portable mobile remote over a period of time.	determine and report to the system that, another portable mobile remote unit has maintained relative proximity to the portable mobile remote over a period of time while in motion.
	22[pre]. A communication system comprising:	
	22[A] (i) a network of communication units;	
	22[B] (ii) at least a first communication unit and at least a second communication unit able to provide location information to the network for a time while in motion;	
	22[C] (iii) means to request whether the at least second communication unit is tracking the at least first communication unit;	
	22[D] (iv) means to determine from said location provided (ii) that the at least first and second communication unit maintained proximity while in motion during said time;	
	22[E] (vi) means to provide result of the determination (iv) to the	

	requestor of (iii).	
15.The portable mobile remote according to claim 14, having means to further determine if location disclosure for the remote unit is prohibited at a specific geographic boundary before sending its location to the network.	2. The portable mobile remote according to claim 1, having means to further determine if location disclosure for the remote unit is prohibited at a specific geographic boundary before sending its location to the network.	2. The portable mobile remote according to claim 1, having means to further determine if location disclosure for the remote unit is prohibited at a specific geographic boundary before sending its location information to the network.
4[pre]. A method according to claim 1 utilized to further limit the provision of remote unit location to the network comprising:		
4[A] obtaining at the network, exclusion region information within which the remote unit should not provide its location the network;		
4[B] determining that the remote unit is not in the exclusion region before providing the location of the remote unit to the network.		
1[pre]. A method for providing the location of a portable mobile remote unit in a geographic region of a wireless network to a wireless consumer requesting the location of portable mobile remote units that	15[pre]. A method for determining that a first portable remote unit of a wireless consumer associated with a network is being tracked by at least a second portable remote unit that is in motion with the first	

are maintaining close proximity to the wireless consumer in the geographic region comprising:	portable remote unit over a tracking period comprising,	
1[A] i) obtaining the location of the wireless consumer at intervals over a period of time;	15[A] i) obtaining the location information of the first portable mobile remote unit, said location information provided at intervals during said tracking period;	
1[B] ii) requesting at each interval, at the network, that all mobile remote units within close proximity of the wireless consumer disclose their location to the network;	15[B] ii) obtaining the location information of the at least second portable communication unit that is within a specified geographic boundary of the first portable remote unit, said location information provided at intervals during said tracking period;	
1[C] iii) maintaining a list of mobile remote units that provided their location at each interval after the request of (ii);		
	15[C] iii) using the location obtained according to step (i) and (ii) to verify whether the first portable remote unit and second portable remote unit have maintained relative proximity during the	

	tracking period;	
1[D] iv) from the list of (iii), forwarding the location of at least a mobile remote unit to the mobile consumer upon determination that the remote unit maintained close proximity to the mobile consumer over the period of time of (i).	15[D] iv) forwarding the result of the verification to a network requestor at the end of the tracking period.	
9[pre]. A method for determining that a first portable remote unit associated with a network is being tracked by at least a second portable remote unit over a tracking period comprising;		
9[A] obtaining the location of the first portable remote unit or tracked unit;		
9[B] obtaining the location of the at least a second communication unit or tracking unit that is within proximity or a pre-specified radius of the tracked unit;		
9[C] verifying whether the tracking and tracked unit(s) have traveled a minimum pre-specified distance over the tracking period;		

9[D] forwarding the result of the verification to the network at the end of the tracking period.		
Geographic Boundary Claims		
6[pre] A method for providing the location of portable remote units that exist within a prescribed geographic boundary to a wireless consumer requesting that information comprising:		12[pre] A method for notifying portable mobile remote units within a geographic region in a wireless communication system comprising:
6[A] i) receiving at the network a wider than normal prescribed geographic boundary to query for mobile remote units from the wireless consumer;		12[A] i) communicating with one or more portable mobile remote unit in a network to establish their geographic location within the system; 12[B] ii) specifying and forwarding to the network, geographic boundary information describing a region within a coverage area of said network where a notification should be sent to one or more of said portable mobile remote units within said region:
6[B] ii) splitting the geographic boundary of (i) into sub geographic regions to constitute the prescribed geographic boundary;		
6[C] iii) requesting in the		12[C] iii) forwarding said

sub geographic region(s), the location of remote units that are present in each sub region;		notification to portable mobile remote units within said region;
6[D] iv) verifying after each request of (iii) in a sub region whether at least a portable remote unit disclosed a global location in the region;		12[D] iv) identifying said notification (iii) at the portable mobile remote unit and verifying whether the portable remote unit exists within said region (iii).
6[E] v) maintaining a list of all remote units that disclosed their location after each request from the verification of step (iv);		
6[F] vi) providing to the network and from the list of (v) the location of at least a remote unit that revealed its location in the sub region.		13. The method of claim 12 further comprising responding to said notification if said portable mobile remote unit (iv) exist within the geographic boundary defined by said region.
		8[pre] A communication system comprising:
		8[A] i) a network of communication resources;
		8[B] ii) a pool of portable mobile remote units that are able to communicate with the network to establish their geographic location within the system;
		8[C] ii) means for a wireless consumer to

		specify and forward to the network, geographic boundary information describing a region within a coverage area of said network where a notification should be sent to one or more of said portable mobile remote units within said region;
		8[D] iii) means to forward said notification to portable mobile remote units within said region;
		8[E] iv) means to identify said notification (iii) at the portable mobile remote unit and means to verify whether the portable remote unit exists within said region (iii).