United States District Court,
D. Massachusetts.

FREEDOM WIRELESS, INC,
Plaintiff.
v.
BOSTON COMMUNICATIONS GROUP, INC., et al,
Defendants.

Civil Action No. 00-12234-EFH

April 23, 2003.

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ORDER

HARRINGTON**, Senior District Judge.**

After considering the submissions of the parties and hearing oral argument on the matter, IT IS HEREBY ORDERED, ADJUDGED and DECREED that the Court construes the disputed claim limitations of the patents in suit as follows:

U.S. Pat. No. 5.722.067

1. Claim 10: "forwarding to a pre-paid switching system...."
This limitation does not require voice and signaling information to travel in the same path. Also, the pre-paid switching system comprises a host computer and a remote computer database server and is connected

to a Mobile Telephone Switching Office ("MTSO") and a local exchange carrier.

2. Claim 10: "at the pre-paid switching system, verifying...."

Claim 10: "forwarding the call...."

Claim 10: "and decrementing the balance...."

These functions are performed by the host computer.

3. Claim 10: "a positive balance in an account...."

The balance is reflected in currency and stored in the database. The balance may be the total of multiple balances.

4. Claim 10: "forwarding the call to an LEC...."

This limitation requires that the call be forwarded directly to the local exchange carrier.

5. Claim 11: "finding the ANI...."

The host computer performs this function and the ANI is found in the remote computer database server.

6. Claim 14: "terminating the call...."

This function is performed by the host computer.

7. Claim 15: "at the cellular switch...."

"Cellular switch" means Mobile Telephone Switching Office ("MTSO").

8. Claim 15: "at the cellular switch checking the AM...."

The MTSO need only perform this checking function as long as it takes to find a matching cellular telephone number identifying a pre-paid subscriber that corresponds to the AM.

9. Claim 15: "directly to a pre-paid service provider...."

The pre-paid service provider comprises a host computer and a remote computer database server.

10. Claim 16: "verifying a positive balance...."

This function is performed by the host computer.

11. Claim 16: "forwarding the call...."

Claim 16: "decrementing the balance...."

These functions are performed by the host computer.

12. Claim 16: "a positive balance...."

The balance is reflected in currency, may be the total of multiple balances, and is stored in the database.

13. Claim 16: "from the cellular switch...."

"Cellular switch" means Mobile Telephone Switching Office ("MTSO").

14. Claim 16: "forwarding the call to a telecommunication service provider...."

This limitation requires that the call be forwarded directly to the local exchange carrier.

15. Claim 18: "terminating the call...."

This function is performed by the host computer.

U.S. Pat. No. 6,157,823

1. Claim 1: "prepaid subscriber account balance...."
The account balance is reflected in currency.

2. Claim 1: "wireless telephone calls...."

"Wireless telephone calls" in this claim may come from wireless or land line telephones.

3. Claim 1: "receiving the subscriber's wireless telephone number at a wireless switch...."

Claim 1: "the wireless switch recognizing...."

Claim 1: "a computer with access to the database and the wireless switch...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO").

4. Claim 1: "communicating between a computer...."

This limitation does not require voice and signaling information to travel in the same path.

5. Claim 1: "validating existence...."

The computer performs the validation.

6. Claim 1: "subscriber account balance...."

The account balance is reflected in currency and may be the total of multiple balances.

7. Claim 2: "checking for a connection...."

The computer checks for a connection.

8. Claim 2: "and periodically validating...."

The validation occurs at regular intervals.

9. Claim 3: "the call is terminated...."

The computer performs the termination.

10. Claim 5: "checking for a connection...."

The computer checks for a connection.

11. Claim 5: "causing the call to be terminated...."

The computer translates the currency account balance into a time value that is validated at regular intervals and causes the call to be terminated when the time limit based on the account balance is expired.

12. Claim 9: "wireless telephone call requests...."

"Wireless telephone call requests" are calls from wireless or land line telephones to a wireless telephone user.

13. Claim 9: "receiving at a wireless switch...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO").

14. Claim 9: "passes the identifier to a wireless switch...."

The wireless switch in this limitation may be the Mobile Telephone Switching Office referred to earlier in the claim.

15. Claim 9: "an identifier corresponding to a pre-paid wireless subscriber...."

Claim 9: "forwarding the identifier...."

Claim 9: "based on the forwarded identifier...."

The identifier is the dialed number or a mobile identifier.

16. Claim 9: "a pre-paid wireless service provider...."

The pre-paid wireless service provider comprises a host computer and a remote computer database server.

17. Claim 9: "validates an account associated with...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

18. Claim 9: "causes the call to be completed...."

This limitation does not require that the call be sent directly to a local exchange carrier.

19. Claim 9: "performs periodic real-time validation...."

The validation occurs at regular intervals.

20. Claim 10: "wireless telephone call requests...."

"Wireless telephone call requests" are calls from wireless or land line telephones to a wireless telephone user.

21. Claim 10: "receiving at a wireless switch...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO").

22. Claim 10: "passing the identifier to a wireless switch...."

The wireless switch in this limitation may be the Mobile Telephone Switching Office referred to earlier in the claim.

23. Claim 10: "an identifier corresponding to a pre-paid wireless subscriber"

Claim 10: "an identifier corresponding to the pre-paid wireless subscriber...." Claim 10: "based on the forwarded identifier...."

Claim 10: "passing the identifier...."

The identifier is the dialed number or a mobile identifier.

24. Claim 10: "at a pre-paid wireless service provider...."

The pre-paid wireless service provider comprises a host computer and a remote computer database server.

25. Claim 10: "receiving from a telecommunications service...."

A "telecommunications service" is not necessarily a land line switch or a central office.

26. Claim 10: "validating an account...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

27. Claim 10: "causing the call to be completed...."

This limitation does not require the call to be connected directly to a local exchange carrier.

28. Claim 10: "performing periodic real-time validation...."

The validation occurs at regular intervals.

29. Claim 11: "pre-paid subscriber account balance...."

The account balance is reflected in currency and may be the total of multiple balances.

30. Claim 11: "receiving an identifier...."

Claim 11: "recognizing the identifier...."

The identifier is the dialed number or a mobile identifier.

31. Claim 11: "a wireless telecommunications event...."

A "wireless telecommunications event" is a telephone call placed on a wireless or land line telephone to a wireless telephone user.

32. Claim 11: "at a wireless switch...."

Claim 11: "the wireless switch recognizing...."

Claim 11: "with access to the database and the wireless switch...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO").

33. Claim 11: "attempting to establish a connection...."

Claim 11: "checking for a connection...."

The host computer attempts to establish a connection and checks for a connection.

34. Claim 11: "and causing a call to be terminated...."

This limitation requires the host computer to translate the currency account balance into a time value that is validated at regular intervals and to cause the call to be terminated when the time limit based on the account balance is expired.

35. Claim 12: "identifying at least one cost variable...."

Claim 12: "determining a rate...."

Claim 12: "converting the account balance...."

The host computer performs these functions.

36. Claim 15: "wireless telephone call requests...."

"Wireless telephone call requests" are calls placed on wireless or land line telephones to wireless telephone users.

37. Claim 15: "receiving at a wireless switch...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO").

38. Claim 15: "an identifier corresponding to...."

Claim 15: "forwarding the identifier...."

Claim 15: "based on the forwarded identifier...."

Claim 15: "passes the identifier...."

The identifier is the dialed number or a mobile identifier.

39. Claim 15: "a pre-paid wireless service provider associated with...."

The pre-paid wireless service provider comprises a host computer and a remote computer database server.

40. Claim 15: "that validates an account...."

Claim 15: "passes the identifier...."

Claim 15: "causes the call to be completed...."

Claim 15: "sets a time limit...."

These functions are performed by the host computer.

41. Claim 15: "an account associated...."

The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

42. Claim 15: "passes the identifier to a wireless switch...."

The wireless switch in this limitation may be the Mobile Telephone Switching Office referred to earlier in

the claim.

43. Claim 15: "causes the call to be completed...."

This limitation does not require the call to be connected directly to the local exchange carrier.

44. Claim 15: "sets a time limit based on the account balance...."

This limitation requires the host computer to translate the currency account balance into a time value that is validated at regular intervals.

45. Claim 16: "wireless telephone call requests...."

"Wireless telephone call requests" are calls placed on wireless or land line telephones to wireless telephone users.

46. Claim 16: "receiving at a wireless switch...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO").

47. Claim 16: "passing the identifier to a wireless switch...."

The wireless switch in this limitation may be the Mobile Telephone Switching Office referred to earlier in the claim.

48. Claim 16: "receiving at a wireless switch an identifier...."

Claim 16: "receiving from a telecommunications service an identifier...."

Claim 16: "based on the forwarded identifier...."

Claim 16: "passing the identifier...."

The identifier is the dialed number or a mobile identifier.

49. Claim 16: "at a pre-paid wireless service provider...."

The pre-paid wireless service provider comprises a host computer and a remote computer database server.

50. Claim 16: "receiving from a telecommunications service...."

A "telecommunications service" is not necessarily a land line switch or a central office.

51. Claim 16: "validating an account...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

52. Claim 16: "passing the identifier to a wireless switch...."

This function is performed by the host computer.

53. Claim 16: "causing the call to be completed...."

This limitation does not require the call to be connected directly to the local exchange carrier.

54. Claim 16: "and causing the call to be terminated...."

This limitation requires the host computer to translate the currency account balance into a time value that is validated at regular intervals and to cause the call to be terminated when the time limit based on the account balance is expired.

55. Claim 17: "a wireless switch at which...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO").

56. Claim 17: "in communication with the wireless switch...."

This limitation does not require voice and signaling information to travel in the same path.

57. Claim 17: "a wireless call request...."

A "wireless call request" is a call placed on a wireless or land line telephone to a wireless telephone user.

58. Claim 17: "and a pre-paid wireless service provider...."

The pre-paid wireless service provider comprises a host computer and a remote computer database server.

59. Claim 17: "that selectively authorizes...."

Claim 17: "wherein the pre-paid wireless service provider selectively authorizes...."

Claim 17: "validation of an account...."

These functions are performed by the host computer.

60. Claim 17: "validating in real time an account associated...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

61. Claim 17: "occurs periodically during a call...."

Validation occurs at regular intervals.

62. Claim 18: "a wireless call request...."

A "wireless call request" is a call placed on a wireless or land line telephone to a wireless telephone user.

63. Claim 18: "receiving a wireless call request at a wireless switch...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO").

64. Claim 18: "communicating between the wireless switch...."

This limitation does not require voice and signaling information to travel in the same path.

65. Claim 18: "and a pre-paid wireless service provider...."

The pre-paid wireless service provider comprises a host computer and a remote computer database server.

66. Claim 18: "based on information...."

The "information" is the dialed number or a mobile identifier.

67. Claim 18: "that selectively authorizes...."

Claim 18: "wherein the pre-paid wireless service provider selectively authorizes...."

Claim 18: "validation of an account by the pre-paid wireless service provider...."

Claim 18: "and the call is caused to be terminated...."

These functions are performed by the host computer.

68. Claim 18: "validating in real time an account associated...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

69. Claim 18: "occurs periodically during a call...."

Validation occurs at regular intervals.

70. Claim 19: "at a pre-paid wireless service provider...."

The pre-paid wireless service provider comprises a host computer and a remote computer database server.

71. Claim 19: "communicating with a wireless switch...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO"). Also, this limitation does not

require voice and signaling information to travel in the same path.

72. Claim 19: "a wireless call request...."

A "wireless call request" is a call placed on a wireless or land line telephone to a wireless telephone user.

73. Claim 19: "based on information...."

The "information" is the dialed number or a mobile identifier.

74. Claim 19: "and selectively authorizing...."

Claim 19: "the pre-paid wireless service provider selectively authorizes...."

Claim 19: "validation of an account by the pre-paid wireless service provider...."

Claim 19: "and the call is caused to be terminated...."

The host computer performs these functions.

75. Claim 19: "validating in real time an account associated...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

76. Claim 19: "occurs periodically during a call...."

Validation occurs at regular intervals.

77. Claim 20: "a wireless switch at which...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO").

78. Claim 20: "in communication with the wireless switch...."

This limitation does not require voice and signaling information to travel in the same path.

79. Claim 20: "a wireless call request...."

A "wireless call request" is a call placed on a wireless or land line telephone to a wireless telephone user.

80. Claim 20: "and a pre-paid wireless service provider...."

The pre-paid wireless service provider comprises a host computer and a remote computer database server.

81. Claim 20: "based on information...."

The "information" is the dialed number or a mobile identifier.

82. Claim 20: "the pre-paid wireless service provider selectively authorizes...."

Claim 20: "includes causing a call is caused to be terminated...."

The host computer performs these functions.

83. Claim 20: "validating in real time an account associated...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

84. Claim 20: "to be terminated when a time limit based on a balance in the account is expired...."

This limitation requires the host computer to translate the currency account balance into a time value that is validated at regular intervals.

85. Claim 24: "a wireless call request...."

A "wireless call request" is a call placed on a wireless or land line telephone to a wireless telephone user.

86. Claim 24: "at a wireless switch...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO").

87. Claim 24: "communicating between the wireless switch...."

This limitation does not require voice and signaling information to travel in the same path.

88. Claim 24: "and a pre-paid wireless service provider...."

The pre-paid wireless service provider comprises a host computer and a remote computer database server.

89. Claim 24: "based on information"

The "information" is the dialed number or a mobile identifier.

90. Claim 24: "the pre-paid wireless service provider selectively authorizes...."

Claim 24: "validation of the account balance by the pre-paid service provider...."

The host computer performs these functions.

91. Claim 24: "validating in real time an account balance associated...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of

multiple balances, and is stored in the database.

92. Claim 25: "at a pre-paid wireless service provider...."

The pre-paid wireless service provider comprises a host computer and a remote computer database server.

93. Claim 25: "communicating with a wireless switch...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO"). Also, this limitation does not require voice and signaling information to travel in the same path.

94. Claim 25: "a wireless call request...."

A "wireless call request" is a call placed on a wireless or land line telephone to a wireless telephone user.

95. Claim 25: "selectively authorizing...."

Claim 25: "wherein the pre-paid wireless service provider selectively authorizes...."

Claim 25: "validation ... by the pre-paid wireless service provider...."

The host computer performs these functions.

96. Claim 25: "validating in real time an account balance associated...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

97. Claim 27: "a wireless call request...."

A "wireless call request" is a call placed on a wireless or land line telephone to a wireless telephone user,

98. Claim 27: "at a wireless switch...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO").

99. Claim 27: "and communicating between the wireless switch...."

This limitation does not require voice and signaling information to travel in the same path.

100. Claim 27: "and a pre-paid wireless service provider...."

The pre-paid wireless service provider comprises a host computer and a remote computer database server.

101. Claim 27: "based on information...."

The "information" is the dialed number or a mobile identifier.

102. Claim 27: "and that accesses a database...."

Claim 27: "the pre-paid wireless service provider's selective authorization...."

The host computer performs these functions.

103. Claim 27: "comprising account information...."

The information includes, for each subscriber, at least their automated number identification code (ANI), a pre-paid currency account balance, and a time rate for telecommunications charges.

104. Claim 27: "based on a real-time validation of an account balance associated...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

105. Claim 28: "at a pre-paid wireless service provider...."

The pre-paid wireless service provider comprises a host computer and a remote computer database server.

106. Claim 28: "communicating with a wireless switch...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO"). Also, this limitation does not require voice and signaling information to travel in the same path.

107. Claim 28: "a wireless call request...."

A "wireless call request" is a call placed on a wireless or land line telephone to a wireless telephone user.

108. Claim 28: "and selectively authorizing...."

Claim 28: "and accessing a database...."

Claim 28: "the pre-paid wireless service provider's selective authorization...."

The host computer performs these functions.

109. Claim 28: "based on information...."

The "information" is the dialed number or a mobile identifier.

110. Claim 28: "comprising account information...."

The information includes, for each subscriber, at least their automated number identification code (ANI), a pre-paid currency account balance, and a time rate for telecommunications charges.

111. Claim 28: "based on a real-time validation of an account balance associated...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

112. Claim 29: "identifying an originator...."

Claim 29: "causing the call to be connected to a pre-paid switching system...."

These function are performed by a Mobile Telephone Switching Office ("MTSO").

113. Claim 29: "a wireless telephone call...."

A "wireless telephone call" in this claim comes from a wireless telephone.

114. Claim 29: "a pre-paid switching system...."

The pre-paid switching system comprises a host computer and a remote computer database server and is connected to the Mobile Telephone Switching Office ("MTSO") and a local exchange carrier.

115. Claim 29: "an identifier associated with the destination of the call and an identifier associated with a pre-paid account of the originator of the call...."

The identifiers are not required to be the automated number identification code (ANI) or the dialed number identification system code (DNIS).

116. Claim 29: "a wireless switch sending an identifier...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO"). Also, this limitation does not require voice and signaling information to travel in the same path.

117. Claim 29: "to the pre-paid switching system...."

The identifiers are sent to the host computer.

118. Claim 29: "validates the balance in an account...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

119. Claim 29: "connected to the destination...."

This limitation requires the call to be connected directly to the local exchange carrier.

120. Claim 29: "sets a time limit...."

This limitation requires the host computer to translate the currency account balance into a time value that is

validated at regular intervals and to cause the call to be terminated when the time limit is expired.

121. Claim 30: "at a pre-paid switching system...."

The pre-paid switching system comprises a host computer and a remote computer database server and is connected to the Mobile Telephone Switching Office ("MTSO") and a local exchange carrier.

122. Claim 30: "receiving from a wireless switch...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO").

123. Claim 30: "an identifier associated with the destination of the call, and an identifier associated with a pre-paid account of the originator of the call...."

The identifiers are not required to be the automated number identification code (ANI) or the dialed number identification system code (DNIS).

124. Claim 30: "a wireless telephone call...."

A "wireless telephone call" in this claim comes from a wireless telephone.

125. Claim 30: "the originator of the call being identified as being a subscriber...."

Claim 30: "causing the call...."

Claim 30: "periodically validating...."

Claim 30: "causing the call to be terminated...."

These functions are performed by the host computer.

126. Claim 30: "validating the balance in the account...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

127. Claim 30: "connected to the destination...."

This limitation requires the call to be connected directly to the local exchange carrier.

128. Claim 30: "periodically validating the call based on the balance...."

This limitation requires the host computer to translate the currency account balance into a time value that is validated at regular intervals and to cause the call to be terminated if validation is unsuccessful.

129. Claim 31: "at a pre-paid switching system...."

The pre-paid switching system comprises a host computer and a remote computer database server and is connected to the Mobile Telephone Switching Office ("MTSO") and a local exchange carrier.

130. Claim 31: "receiving from a wireless switch...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO").

131. Claim 31: "an identifier associated with the destination of a wireless telephone call, and an identifier associated with a pre-paid account of the originator of the call...."

The identifiers are not required to be the automated number identification code (ANI) or the dialed number identification system code (DNIS).

132. Claim 31: "a wireless telephone call...."

A "wireless telephone call" in this claim comes from a wireless telephone.

133. Claim 31: "causing the call to be connected...."

This function is performed by the host computer. Also, this limitation requires the call to be connected directly to the local exchange carrier.

134. Claim 31: "causing the call to be terminated...."

These functions are performed by the host computer.

135. Claim 31: "validating the balance in the account...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

136. Claim 31: "causing the call to be terminated when a time limit based...."

This limitation requires the host computer to translate the currency account balance into a time value that is validated at regular intervals and to cause the call to be terminated when the time limit is expired.

137. Claim 34: "a database of information...."

The information includes, for each subscriber, at least their automated number identification code (ANI), a pre-paid currency account balance, and a time rate for telecommunications charges.

138. Claim 34: "from a wireless switch...." Claim 34: "from the wireless switch...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO").

139. Claim 34: "an identifier associated with a destination a wireless telephone call, and an identifier associated with a pre-paid account of the originator of the call...."

The identifiers are not required to be the automated number identification code (ANI) or the dialed number identification system code (DNIS).

140. Claim 34: "a wireless telephone call...."

A "wireless telephone call" in this claim comes from a wireless telephone.

141. Claim 34: "validates a balance in the pre-paid account...."

The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

142. Claim 34: "causes the call to be connected to the destination...."

This limitation requires the host computer to cause the call to be connected directly to the local exchange carrier.

143. Claim 34: "sets a time limit...."

This limitation requires the host computer to translate the currency balance into a time value.

144. Claim 35: "receiving an identifier...."

The identifier is not required to be the automated number identification code (ANI).

145. Claim 35: "and an identifier associated with a destination of the call...."

The identifier is not required to be the dialed number identification system code (DNIS).

146. Claim 35: "at a wireless switch...."

Claim 35: "at the wireless switch, determining...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO").

147. Claim 35: "communicating with a pre-paid service provider...."

The pre-paid service provider comprises a host computer and a remote computer database server. Also, this limitation does not require voice and signaling information to travel in the same path.

148. Claim 35: "to be sent to the pre-paid service provider...."

The identifiers are sent to the host computer.

149. Claim 36: "at the pre-paid service provider...."

The pre-paid service provider comprises a host computer and a remote computer database server.

150. Claim 36: "causing the call to be completed...."

This function is performed by the host computer. Also, this limitation requires the call to be connected directly to the local exchange carrier.

151. Claim 36: "periodically validating the call...."

Claim 36: "causing the call to be terminated...."

These functions are performed by the host computer.

152. Claim 36: "validating the call based on the balance associated...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

153. Claim 36: "periodically validating the call...."

The validation is done at regular intervals.

154. Claim 37: "wherein the step of periodically validating...."

The validation is done at regular intervals.

155. Claim 39: "at the pre-paid service provider...."

The pre-paid service provider comprises a host computer and a remote computer database server.

156. Claim 39: "causing the call to be terminated...."

These functions are performed by the host computer.

157. Claim 39: "validating the call based on the balance...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

158. Claim 39: "causing the call to be completed"

This function is performed by the host computer. Also, this limitation requires the call to be connected directly to the local exchange carrier.

159. Claim 39: "causing the call to be terminated...."

This limitation requires the host computer to translate the currency balance into a time value, to validate the call at regular intervals and to cause the call to be terminated when the time limit based on the account

balance is expired.

160. Claim 42: "identifying an originator...."

Claim 42: "causing the call to be connected...."

These functions are performed by a Mobile Telephone Switching Office ("MTSO").

161. Claim 42: "a wireless telephone call...."

A "wireless telephone call" in this claim comes from a wireless telephone.

162. Claim 42: "connected to a pre-paid switching system...."

The pre-paid switching system comprises a host computer and a remote computer database server and is connected to the Mobile Telephone Switching Office and a local exchange carrier.

163. Claim 42: "and a wireless switch sending...."

"Wireless switch" means a Mobile Telephone Switching Office ("MTSO").

164. Claim 42: "an identifier associated with the destination of the call and an identifier associated with a pre-paid account of the originator of the call...."

The identifiers are not required to be the automated number identification code (ANI) or the dialed number identification system code (DNIS).

165. Claim 42: "to the pre-paid switching system...."

The identifiers are sent to the host computer.

166. Claim 42: "causes the call to be connected...."

Claim 42: "periodically validates the call...."

Claim 42: "causes the call to be terminated...."

These functions are performed by the host computer.

167. Claim 42: "validates the balance in the account...."

The validation is performed by the host computer. The account is reflected in currency, may be the total of multiple balances, and is stored in the database.

168. Claim 42: "causes the call to be connected to the destination...."

This limitation requires the host computer to cause the call to be connected directly to the local exchange

carrier.

169. Claim 42: "periodically validates the call...."

The validation is done at regular intervals.

170. Claim 42: "causes the call to be terminated if validation is unsuccessful."

This limitation requires the host computer to have translated the account balance into a time value, to validate the call at regular intervals based on the balance associated with the account, and to cause the call to be terminated if validation is unsuccessful.

SO ORDERED.

D.Mass.,2003.
Freedom Wireless, Inc. v. Boston Communications Group, Inc.