

**CONFIDENTIAL EXHIBIT A
FILED SEPARATELY**

**UNITED STATES INTERNATIONAL TRADE COMMISSION
WASHINGTON, D.C.**

**Before the Honorable Thomas B. Pender
Administrative Law Judge**

In the Matter of

CERTAIN WIRELESS HEADSETS

Investigation No. 337-TA-943

BLUEANT'S RESPONSE TO THE COMPLAINT AND NOTICE OF INVESTIGATION

Respondents BlueAnt Wireless, Inc. and BlueAnt Wireless Pty. Ltd. (collectively, "BlueAnt") hereby respond to the Complaint filed by One-E-Way, Inc. ("Complainant" or "One-E-Way") on December 8, 2014, in the above-captioned Investigation and to the Notice of Investigation issued by the United States International Trade Commission ("the Commission") as published in the Federal Register on January 13, 2015. (80 Fed. Reg. 1,663).

BlueAnt denies that it has engaged in acts of unfair competition in violation of Section 337 by importing, selling for importation, and/or selling after importation into the United States any product that infringes literally and/or under the doctrine of equivalents, directly, indirectly, by contribution and/or by inducement, any claim of U.S. Patent No. 7,865,258 ("the '258 patent") and United States Patent No. 8,131,391 (the '391 patent) (collectively "patents-in-suit"). BlueAnt denies that the claims of the '258 and '391 patents are valid and enforceable.

Except as specifically admitted herein, BlueAnt denies all of the allegations of the Complaint. BlueAnt has not had sufficient time and opportunity to collect and review all of the information that may be relevant and necessary to respond to the matters raised in One-E-Way's Complaint. To the extent that any allegations of the Complaint refer to or rely upon information not previously supplied to BlueAnt, BlueAnt is without information sufficient to admit or deny such allegations, and therefore denies the same. Moreover, BlueAnt also reserves the right to take further positions and raise additional defenses as may become apparent as a result of additional information discovered subsequent to filing this Response.

The numbered Paragraphs herein correspond to and respond to the numbered Paragraphs set forth in the Complaint.

I. INTRODUCTION¹

1. BlueAnt admits that One-E-Way requested that the United States International Trade Commission commence an investigation pursuant to Section 337 of the Tariff Act of 1930, as amended, 19 U.S.C. §1337, and that One-E-Way seeks a remedy for what it contends is the unlawful importation or articles covered by the patents-in-suit. BlueAnt denies that it has engaged in acts of unfair competition in violation of Section 337 by importing, selling for importation, and/or selling within the United States after importation any articles covered by the patents-in-suit. BlueAnt denies that the patents-in-suit are infringed, valid or enforceable. BlueAnt lacks sufficient knowledge or information on which to admit or deny the remaining allegations of Paragraph 1 and, on that basis, denies them. Except as expressly admitted, BlueAnt denies each and every allegation of Paragraph 1 of the Complaint.

2. BlueAnt admits that documents purporting to be certified copies of the patents-in-suit are attached to the Complaint as Exhibits 1 and 2, but lacks knowledge or information sufficient to form a belief regarding E-One-Way's allegation that Exhibits 1 and 2 are true and correct copies of the patents-in-suit. BlueAnt admits that documents purporting to be certified copies of assignments of the patents-in-suit are attached to the complaint as Exhibits 3 and 4, but lacks knowledge or information sufficient to form a belief regarding E-One-Way's allegation that Exhibits 3 and 4 are true and correct copies of assignments of the patents-in-suit. BlueAnt denies that it unlawfully imports, sells for importation, and/or sells after importation articles that infringe any claim of the patents-in-suit, directly or indirectly. BlueAnt denies that it infringes (directly or indirectly) claims 3, 4, 8, 10 and 11 of the '258 patent. BlueAnt denies that it infringes (directly or indirectly) claims 3 and 4 of the '391 patent. To the extent such allegations are contained in Paragraph 2, BlueAnt denies the patents-in-suit are valid or enforceable. Except

¹ For purposes of clarity and ease of reference, BlueAnt responds to the Complaint using the same format and titles used by One-E-Way. Nonetheless, the use of this format and these titles should not be construed as an admission on BlueAnt's part to any of the facts and/or allegations contained within the Complaint.

as expressly admitted, BlueAnt denies each and every allegation of Paragraph 2 of the Complaint.

3. BlueAnt admits that One-E-Way named Sony Corporation, Sony Corporation of America, Sony Electronics, Inc., Sennheiser Electronic GmbH & Co. KG, Sennheiser Electronic Corporation, BlueAnt Wireless Pty, Ltd, BlueAnt Wireless, Inc., Creative Technology Ltd., Creative Labs, Inc., Beats Electronics, LLC, Beats Electronics International Ltd., Jawbone, Inc., and GN Netcom A/S which does business as Jabra (collectively, "Respondents") as Respondents in this Investigation. BlueAnt denies that it has engaged in unfair acts in violation of Section 337 thorough the unlawful importation, sale for importation, and /or sale after importation of certain wireless audio devices covered by one or more claims of the patents-in-suit. To the extent such allegations are contained in Paragraph 3, BlueAnt denies the patents-in-suit are valid or enforceable. BlueAnt lacks sufficient knowledge of information on which to admit or deny the remaining allegations of Paragraph 3 and, on that basis, denies them. Except as expressly admitted, BlueAnt denies each and every allegation of Paragraph 3 of the Complaint.

4. On information and belief, BlueAnt denies the allegations of Paragraph 4.

5. BlueAnt admits that One-E-Way seeks a limited exclusion order and a cease and desist order, but denies that One-E-Way is entitled to any such relief. BlueAnt denies the remaining allegations of Paragraph 5.

II. COMPLAINANT

6. BlueAnt lacks sufficient knowledge or information on which to admit or deny the allegations of Paragraph 6 and, on that basis, denies them.

III. RESPONDENTS

Sony, Sony America and Sony Electronics

7. The allegations of Paragraph 7 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

8. The allegations of Paragraph 8 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

9. The allegations of Paragraph 9 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

10. The allegations of Paragraph 10 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

Sennheiser and Sennheiser America

11. The allegations of Paragraph 11 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

12. The allegations of Paragraph 12 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

13. The allegations of Paragraph 13 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

BlueAnt and BlueAnt-US

14. BlueAnt Wireless Pty. Ltd. admits that it is organized under the laws of Australia. Except as expressly admitted, BlueAnt denies each and every allegation of Paragraph 14 of the Complaint.

15. BlueAnt Wireless, Inc. admits it is a subsidiary of BlueAnt Wireless Pty., Ltd, that it is a California Corporation and that it had, at one time, a place of business at 125 Wacker Drive, Suite 300, in Chicago, Illinois 60606. BlueAnt Wireless, Inc. denies that it currently has a place of business at that location. Except as expressly admitted, BlueAnt denies each and every allegation of Paragraph 15 of the Complaint.

Creative and Creative Labs

16. The allegations of Paragraph 16 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

17. The allegations of Paragraph 17 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

18. The allegations of Paragraph 18 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

Beats and Beats Ireland

19. The allegations of Paragraph 19 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

20. The allegations of Paragraph 20 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

21. The allegations of Paragraph 21 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

Jawbone

22. The allegations of Paragraph 22 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

Jabra

23. The allegations of Paragraph 23 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

IV. ONE-E-WAY'S ALLEGATIONS OF TECHNOLOGIES AND PRODUCTS AT ISSUE

24. To the extent the allegations of Paragraph 24 are not directed at BlueAnt, no answer is required, but to the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny any such allegations and, on that basis, denies them.

BlueAnt denies that any of its products infringe or have infringed any valid and enforceable Asserted Claim of the Asserted Patents. Except as expressly admitted, BlueAnt denies each and every allegation of Paragraph 24 of the Complaint.

V. THE PATENTS-IN-SUIT

25. The allegations of Paragraph 25 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt admits that the prosecution history on its face supports One-E-Way's contention that the '391 Patents issues from U.S. Patent Application No. 12/940,747, which appears to be a continuation application of U.S. Patent Application No. 12/570,343, which issued as the '258 Patent. The public record on its face shows that both patents claim priority to U.S. Patent Application No. 10/027,391, filed December 21, 2001 but BlueAnt lacks sufficient knowledge or information on which to admit or deny One-E-Way's right to the alleged priority date and, on that basis, denies that allegation. BlueAnt lacks sufficient knowledge or information on which to admit or deny the remaining allegations of Paragraph 25 and, on that basis, denies them. Except as expressly admitted, BlueAnt denies each allegation of Paragraph 25 of the Complaint.

A. The '258 Patent

Identification of the Patent and Alleged Ownership by One-E-Way

26. BlueAnt admits that the '258 patent is entitled "Wireless Digital Audio System." BlueAnt admits that the '258 patent states on its face that it issued on January 4, 2011. BlueAnt admits the '258 patent states on its face that the inventor is C. Earl Woolfork, but BlueAnt lacks sufficient knowledge or information on which to admit or deny that C. Earl Woolfork is the true and sole inventor and, on that basis, denies that allegation. BlueAnt lacks sufficient knowledge or information on which to admit or deny the remaining allegations of Paragraph 26 and, on that basis, denies them.

27. BlueAnt admits that what purport to be certified copies of the of the prosecution history of the '258 patent and copies of reference documents mentioned in the prosecution history are included as Appendices A and B to the Complaint. BlueAnt lacks sufficient knowledge or information on which to admit or deny the remaining allegations of Paragraph 27 and, on that basis, denies them.

One-E-Way's Non-Technical Description of the Patented Invention

28. BlueAnt disagrees with One-E-Way's characterization of the technology, and therefore denies the allegations of Paragraph 28. To the extent Paragraph 28 makes allegations regarding the alleged invention and the scope of the claims, BlueAnt denies such allegations. BlueAnt's responses are not intended to interpret the meaning or scope of the claims in the '258 patent. BlueAnt denies the remaining allegations of Paragraph 28.

29. The allegations of Paragraph 29 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt disagrees with One-E-Way's characterization of the technology, and therefore denies the allegations of Paragraph 29. To the extent Paragraph 29 makes allegations regarding the alleged invention and the scope of the claims, BlueAnt denies such allegations. BlueAnt's responses are not intended to interpret the meaning or scope of the claims in the '258 patent. BlueAnt denies the remaining allegations of Paragraph 29.

B. The '391 Patent

Identification of the Patent and Alleged Ownership by One-E-Way

30. BlueAnt denies that the '391 patent is entitled "Wireless Digital Audio System." BlueAnt admits that the '391 patent states on its face that it issued on March 6, 2012 and appears to be a continuation of the earlier patent application that issued as the '258 patent. BlueAnt admits the '391 patent states on its face that the inventor is C. Earl Woolfork, but BlueAnt lacks sufficient knowledge or information on which to admit or deny that C. Earl Woolfork is the true and sole inventor and, on that basis, denies that allegation. BlueAnt lacks sufficient knowledge or information on which to admit or deny the remaining allegations of Paragraph 30 and, on that basis, denies them.

31. BlueAnt admits that what purport to be certified copies of the of the prosecution history of the '391 patent and copies of reference documents mentioned in the prosecution history are included as Appendices C and D to the Complaint. BlueAnt lacks sufficient knowledge or information on which to admit or deny the remaining allegations of Paragraph 31 and, on that basis, denies them.

One-E-Way's Non-Technical Description of the Patented Invention

32. BlueAnt disagrees with One-E-Way's characterization of the technology, and therefore denies the allegations of Paragraph 32. To the extent Paragraph 32 makes allegations regarding the alleged invention and the scope of the claims, BlueAnt denies such allegations. BlueAnt's responses are not intended to interpret the meaning or scope of the claims in the '391 patent. BlueAnt denies the remaining allegations of Paragraph 32.

33. The allegations of Paragraph 33 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt disagrees with One-E-Way's characterization of the technology, and therefore denies the allegations of Paragraph 33. To the extent Paragraph 33 makes allegations regarding the alleged invention and the scope of the claims, BlueAnt denies such allegations. BlueAnt's responses are not intended to interpret the meaning or scope of the claims in the '391 patent. BlueAnt denies the remaining allegations of Paragraph 33.

VI. ONE-E-WAY'S ALLEGATIONS OF UNFAIR ACTS BY RESPONDENTS

A. One-E-Way's Allegations For Sony, Sony America, and Sony Electronics

34. The allegations of Paragraph 34 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

35. The allegations of Paragraph 35 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

36. The allegations of Paragraph 36 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

37. The allegations of Paragraph 37 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

38. The allegations of Paragraph 38 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

39. The allegations of Paragraph 39 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

40. The allegations of Paragraph 40 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

B. One-E-Way's Allegations For Sennheiser and Sennheiser America

41. The allegations of Paragraph 41 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

42. The allegations of Paragraph 42 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

43. The allegations of Paragraph 43 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

44. The allegations of Paragraph 44 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

45. The allegations of Paragraph 45 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

46. The allegations of Paragraph 46 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

47. The allegations of Paragraph 47 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

C. One-E-Way's Allegations For BlueAnt and BlueAnt-US

48. BlueAnt denies that it manufactures, markets, sells for importation, imports, and /or sells after importation into the United States products that infringe, either directly or indirectly, any valid and enforceable Asserted Claim of the patents-in-suit. BlueAnt denies the remaining allegations of Paragraph 48.

49. BlueAnt admits that One-E-Way has identified BlueAnt products sold under the names Ribbon, PUMP, Q2, Q3, T1, Connect and Endure as Accused Products, but denies that any BlueAnt product infringes any valid and enforceable asserted claim of the patents-in-suit. BlueAnt admits that Exhibit 11 includes images of the Pump, Q3, Ribbon and T1 products. Paragraph 49 contains legal argument for which no answer is required. BlueAnt denies any remaining allegations of Paragraph 49.

50. BlueAnt admits that its products are manufactured, assembled and/or packaged outside the United States. BlueAnt admits that One-E-Way has identified BlueAnt products as Accused Products, but denies that BlueAnt imports, sells for importation, or sells after importation any products that infringe any valid and enforceable Asserted Claim of the patents-in-suit. BlueAnt lacks sufficient knowledge or information on which to admit or deny the remaining allegations of Paragraph 50 and, on that basis, denies them.

51. BlueAnt denies that it infringes, directly or indirectly, any valid and enforceable claim of the '391 patent. BlueAnt admits that Exhibit 12 to the Complaint contains a chart purporting to compare claims '391 patent to BlueAnt accused products, but denies that such chart is accurate and denies the allegations in the chart. BlueAnt denies any remaining allegations of Paragraph 51.

52. BlueAnt denies that it infringes, directly or indirectly, any valid and enforceable any claim of the '258 and '391 patents. BlueAnt admits that Exhibit 13 to the Complaint contains a chart purporting to compare claims of the patents-in-suit to the BlueAnt accused

products, but denies that such chart is accurate and denies the allegations in the chart. BlueAnt denies any remaining allegations of Paragraph 52.

53. Paragraph 53 contains legal argument and conclusions; therefore, no answer is required. To the extent an answer is required, BlueAnt denies all allegations of Paragraph 53.

54. Paragraph 54 contains legal argument and conclusions; therefore, no answer is required. To the extent an answer is required, BlueAnt denies all allegations of Paragraph 54.

D. One-E-Way's Allegations For Creative and Creative Labs

55. The allegations of Paragraph 55 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

56. The allegations of Paragraph 56 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

57. The allegations of Paragraph 57 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

58. The allegations of Paragraph 58 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

59. The allegations of Paragraph 59 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

60. The allegations of Paragraph 60 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

61. The allegations of Paragraph 61 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

E. One-E-Way's Allegations For Beats and Beats Ireland

62. The allegations of Paragraph 62 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

63. The allegations of Paragraph 63 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

64. The allegations of Paragraph 64 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

65. The allegations of Paragraph 65 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

66. The allegations of Paragraph 66 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

67. The allegations of Paragraph 67 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

68. The allegations of Paragraph 68 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

F. One-E-Way's Allegations For Jawbone

69. The allegations of Paragraph 69 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

70. The allegations of Paragraph 70 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

71. The allegations of Paragraph 71 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

72. The allegations of Paragraph 72 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

73. The allegations of Paragraph 73 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

74. The allegations of Paragraph 74 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

75. The allegations of Paragraph 75 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

G. One-E-Way's Allegations For Jabra

76. The allegations of Paragraph 76 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

77. The allegations of Paragraph 77 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

78. The allegations of Paragraph 78 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

79. The allegations of Paragraph 79 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

80. The allegations of Paragraph 80 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

81. The allegations of Paragraph 81 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

82. The allegations of Paragraph 82 are not directed to BlueAnt and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny such allegations and, on that basis, denies them.

VII. ONE-E-WAY'S ALLEGED SPECIFIC INSTANCES OF UNFAIR IMPORTATION AND SALE

83. The allegations of Paragraph 83 are not directed at BlueAnt, and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny the allegations of Paragraph 83 and, on that basis, denies them.

84. The allegations of Paragraph 84 are not directed at BlueAnt, and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny the allegations of Paragraph 84 and, on that basis, denies them.

85. BlueAnt admits that Exhibit 28 purports to contain a copy of a receipt for the purchase of a BlueAnt Pump headset. BlueAnt denies that the Pump infringes the Asserted Claims of the Asserted Patents. BlueAnt lacks sufficient knowledge or information on which to admit or deny the remaining allegations of Paragraph 85 and, on that basis, denies them.

86. The allegations of Paragraph 86 are not directed at BlueAnt, and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny the allegations of Paragraph 86 and, on that basis, denies them.

87. The allegations of Paragraph 87 are not directed at BlueAnt, and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or

information on which to admit or deny the allegations of Paragraph 87 and, on that basis, denies them.

88. The allegations of Paragraph 88 are not directed at BlueAnt, and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny the allegations of Paragraph 88 and, on that basis, denies them.

89. The allegations of Paragraph 89 are not directed at BlueAnt, and therefore no answer is required. To the extent an answer is required, BlueAnt lacks sufficient knowledge or information on which to admit or deny the allegations of Paragraph 89 and, on that basis, denies them.

VIII. ONE-E-WAY'S CLASSIFICATION OF THE INFRINGING PRODUCTS UNDER THE HARMONIZED TARIFF SCHEDULE OF THE UNITED STATES

90. BlueAnt admits that the Accused Products may be classified under the following heading of the Harmonized Tariff Schedules ("HTS") of the United States: 8518.30.20. BlueAnt lacks sufficient knowledge or information to admit or deny the allegations of Paragraph 90 pertaining to any other entity than BlueAnt and, therefore, denies them. BlueAnt denies the remaining allegations in Paragraph 90.

IX. RELATED LITIGATION

91. BlueAnt lacks sufficient knowledge or information on which to admit or deny the allegations of Paragraph 91 and, on that basis, denies them.

X. DOMESTIC INDUSTRY

92. BlueAnt lacks sufficient knowledge or information on which to admit or deny the allegations of Paragraph 92 and, on that basis, denies them.

A. One-E-Way's Alleged Development of the Domestic Industry

93. BlueAnt lacks sufficient knowledge or information on which to admit or deny the allegations of Paragraph 93 and, on that basis, denies them.

B. One-E-Way's Allegations Regarding Licensees' Development of the Domestic Industry

94. BlueAnt lacks sufficient knowledge or information on which to admit or deny the allegations of Paragraph 94 and, on that basis, denies them.

95. BlueAnt admits that Exhibit 37 to the Complaint purports to be photographs of products offer by Plantronics. BlueAnt admits that Exhibits 38 and 39 to the Complaint contain a chart purporting to compare the Plantronics's products to the claims of the patents-in-suit, but denies that such chart is accurate and denies the allegations in the chart. BlueAnt lacks sufficient knowledge or information on which to admit or deny the allegations of Paragraph 95 and, on that basis, denies them.

96. BlueAnt lacks sufficient knowledge or information on which to admit or deny the allegations of Paragraph 96 and, on that basis, denies them.

97. BlueAnt lacks sufficient knowledge or information on which to admit or deny the allegations of Paragraph 97 and, on that basis, denies them.

98. BlueAnt admits that Exhibit 40 to the Complaint purports to be photographs of products offer by Jaybird. BlueAnt admits that Exhibits 41 and 42 to the Complaint contain a chart purporting to compare the Jaybird's products to the claims of the patents-in-suit, but lacks sufficient knowledge or information on which to determine whether such chart is accurate. BlueAnt lacks sufficient knowledge or information on which to admit or deny the remaining allegations of Paragraph 98 and, on that basis, denies them.

99. BlueAnt lacks sufficient knowledge or information on which to admit or deny the allegations of Paragraph 99 and, on that basis, denies them.

100. BlueAnt lacks sufficient knowledge or information on which to admit or deny the allegations of Paragraph 100 and, on that basis, denies them.

XI. ONE-E-WAY'S STATEMENT OF RELIEF REQUESTED

101. BlueAnt denies that One-E-Way is entitled to the relief requested, or to any other relief.

XII. BLUEANT'S RESPONSE TO NOTICE OF INVESTIGATION²

102. Without admitting any of the specific or general allegations set forth in One-E-Way's Complaint as referenced in the Notice of Investigation, BlueAnt provides the following response to the Notice of Investigation. BlueAnt acknowledges that the U.S. International Trade

² This heading, and the following headings and paragraphs, do not correspond to numbered headings and paragraphs set forth in the Complaint.

Commission has initiated an investigation as set forth in the Commission's Notice of investigation, as published in 80 Fed. Reg. 1,663 on January 15, 2015. BlueAnt denies that there have been any violations of Section 337 by BlueAnt in the importation into the United States, the sale for importation, or the sale after importation into the United States of products by reason of alleged infringement of the Asserted Claims of any patents owned by or assigned to One-E-Way. BlueAnt lacks sufficient knowledge or information to form a belief as to whether there exists a domestic industry as required by Section 337(a)(2) and defined by Section 337(a)(3), and, on that basis, denies those allegations. BlueAnt denies that One-E-Way is entitled to any relief in this proceeding.

XIII. BLUEANT'S STATEMENT PURSUANT TO COMMISSION RULE 210.13(b)

103. Pursuant to Commission Rule 210.13(b), BlueAnt provides the following additional information. By providing this information, BlueAnt intends only to supply statistical and other data required by Commission Rule 210.13(b), 19 C.F.R. § 210.13(b). BlueAnt specifically denies that any of the supplied data refers or relates to any unlawful act under Section 337 or otherwise, and BlueAnt specifically denies that the Accused Products infringe any valid and enforceable Asserted Claim of the Asserted Patents. Discovery has only begun, and is ongoing. Thus, BlueAnt reserves the right to amend and/or supplement the information provided below.

104. BlueAnt understands that One-E-Way accuses BlueAnt headsets sold under the names Ribbon, PUMP, Q2, Q3, T1, connect, and Endure of infringing certain claims of the patents-in-suit. Statistical data regarding the quantity and value of imports of these accused products, as well as a statement regarding the name and supplier of its accused imports, is provided in Confidential Exhibit A. This information is preliminary in nature and will be supplemented and amended as appropriate.

105. BlueAnt's Accused Products may fall within the following classification of the Harmonized Tariff Schedules of the United States: 8517.12 (telephones for cellular networks or for other wireless networks).

XIV. AFFIRMATIVE AND OTHER DEFENSES

106. BlueAnt asserts the following additional defenses. Discovery of One-E-Way has just begun, and BlueAnt has not yet had sufficient time or opportunity to collect and review information that may be relevant to the matters raised herein, and the affirmative defenses available to the same. BlueAnt reserves the right to modify, supplement, or expand these defenses and to take further positions as discovery proceeds.

107. BlueAnt hereby adopts and incorporates by reference, as if fully set forth herein, the affirmative defenses of any other Respondents currently or subsequently named in this Investigation.

FIRST AFFIRMATIVE DEFENSE NON-INFRINGEMENT

108. BlueAnt does not and has not directly infringed, indirectly infringed, contributed to infringement, or induced infringement of any valid and enforceable Asserted Claim of the Asserted patents either literally or under the doctrine of equivalents, and has not otherwise committed any acts in violation of 35 U.S.C. § 271 or 19 U.S.C. § 1337.

SECOND AFFIRMATIVE DEFENSE INVALIDITY AND/OR UNENFORCEABILITY

109. The asserted claims of the Patents-in-Suit are each invalid for failure to comply with one or more of the conditions and requirements of the patent laws, including, but not limited to 35 U.S.C. §§ 101, 102, 103, 112, 116, and/or 256. Discovery is ongoing and BlueAnt will set forth further invalidity allegations in accordance with the Procedural Schedule set forth in this Investigation.

THIRD AFFIRMATIVE DEFENSE LACK OF DOMESTIC INDUSTRY

110. On information and belief, One-E-Way has not adequately alleged or established the existence of a domestic industry for any of the Asserted patents, as required by Section 337(a)(2) and defined by Section 337(a)(3).

FOURTH AFFIRMATIVE DEFENSE THE REQUESTED REMEDY IS NOT IN THE PUBLIC INTEREST

111. One-E-Way's demands for relief are barred under 19 U.S.C. § 1337(d)(1) because of the detrimental effect such relief would have upon the public welfare, competitive conditions

in the United States economy, the production of like or directly competitive articles in the United States, the United States consumers.

**FIFTH AFFIRMATIVE DEFENSE
PROSECUTION HISTORY ESTOPPEL**

112. By reason of representation, omissions, and/or concessions made during prosecution of the patents-in-suit, and/or related U.S. or foreign patents and patent applications, One-E-Way is estopped from claiming that BlueAnt infringes the patents-in-suit.

**SIXTH AFFIRMATIVE DEFENSE
ESTOPPEL, ACQUIESCENCE, AND WAIVER**

113. On information and belief, one or both of the patents-in-suit are unenforceable based on the doctrines of estoppel, acquiescence and waiver.

**SEVENTH AFFIRMATIVE DEFENSE
UNCLEAN HANDS**

114. On information and belief, One-E-Way's claims are barred in whole or in part by the doctrine of unclean hands.

**EIGHTH AFFIRMATIVE DEFENSE
PATENT MISUSE**

115. On information and belief, the patents-in-suit are unenforceable due to One-E-Way's misuse of the patents, including attempting to extend its patent rights beyond the permissible legal boundaries of the patents through license agreements and other activities.

**NINTH AFFIRMATIVE DEFENSE
UNENFORCEABILITY FOR PATENT EXHAUSTION AND/OR
FIRST SALE DOCTRINE**

116. On information and belief, one or more of the patents-in-suit unenforceable in whole or in part based on the doctrines of patent exhaustion and/or the first sale doctrine.

**TENTH AFFIRMATIVE DEFENSE
INCORRECT INVENTORSHIP**

117. On information and belief, the Asserted Patents are invalid under at least 35 U.S.C. §§ 101, 102, 115, and 116 for failure to correctly name and/or join the inventors of the claimed subject-matter.

XV. CONCLUSION

BlueAnt requests that the Commission determine and direct that: (1) BlueAnt has not violated 19 U.S.C. § 1337; (2) BlueAnt has not infringed the patents-in-suit; (3) One-E-Way's request for a limited exclusion order and cease and desist order be denied; (4) the Asserted Patents be found invalid and/or unenforceable; (5) there is no protectable domestic industry in the asserted patents; (6) BlueAnt's request for an exclusion order and cease and desist order is against the public interest; and (7) such other and further relief as the Commission deems just and proper under the law.

Dated: February 3, 2015

Respectfully submitted,

/s/ Duane H. Mathiowetz

Duane H. Mathiowetz

Patricia L. Peden

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*Counsel for BlueAnt Wireless, Pty
Ltd. and BlueAnt Wireless Inc.*

CERTIFICATE OF SERVICE

I hereby certify that on February 3, 2015, a copy the foregoing **BLUEANT'S RESPONSE TO THE COMPLAINT AND NOTICE OF INVESTIGATION**, was served as indicated to the parties listed below:

<p>Lisa R. Barton, Secretary U.S. International Trade Commission 500 E. Street, S.W. Washington, D.C. 20436</p>	<p>Via Electronic Filing (EDIS)</p>
<p>Honorable Thomas B. Pender U.S. International Trade Commission 500 E. Street, S.W., Room 317 Washington, D.C. 20436 Gregory.Moldafsky@usitc.gov</p>	<p>Via Hand Delivery (2 copies); and Via Electronic Mail (word format)</p>
<p>Vu Bui, Esq. Office of Unfair Import Investigations U.S. International Trade Commission 500 E. Street, S.W., Room 317 Washington, D.C. 20436 vu.bui@usitc.gov</p>	<p>Via Electronic Mail</p>
<p><i>Counsel for Complainant One-E-Way, Inc.</i></p> <p>Douglas G. Muehlhauser Paul A. Stewart Payson LeMeilleur Alan G. Laquer Yimeng Dou KNOBBE, MARTENS, OLSON & BEAR LLP 2040 Main Street, 14th Floor Irvine, CA 92614 1EWayITC@knobbe.com</p>	<p>Via Electronic Mail</p>

RESPONDENTS:	
Jawbone, Inc. 99 Rhode Island Street, Third Floor San Francisco, CA 94103	Via USPS First Class Mail
<i>Counsel for Sennheiser Electronic GmbH & Co. KG and Sennheiser Electronic Corporation</i> Sean P. DeBruine KILPATRICKTOWNSEND 1080 Marsh Road Menlo Park, CA 94025 SennheiserITC@kilpatricktownsend.com	Via Electronic Mail
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Counsel for GN Netcom A/S d/b/a Jabra
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Via Electronic Mail

/s/ Dani Quever
Dani Quever, Legal Assistant

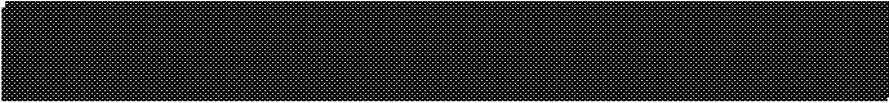


EXHIBIT A



INFORMATION REQUIRED BY 19 C.F.R. § 210.13(B)

1. Pursuant to Commission Rule 210.13(b), the BlueAnt Respondents provide the following information with the sole intention of supplying statistical and other data required by 19 C.F.R. § 210.13(b). The BlueAnt Respondents specifically deny that any of the supplied data refers or relates to any unlawful act under Section 337 or otherwise, and the BlueAnt Respondents specifically deny that their products infringe any of the claims of the Asserted Patents. Discovery has only recently begun and is ongoing. BlueAnt reserves the right to amend and/or supplement the information provided below.

2. For calendar year 2014, BlueAnt imported the following approximate number of unites of accused products having the following approximate value.

Product	Number of Units	Approximate Value
Ribbon		\$
Pump		\$
Q2		\$
Q3		\$
T1		\$
Connect		\$
Endure		\$

3. BlueAnt does not manufacture products. Its suppliers are:

[REDACTED]

[REDACTED]

4. Pursuant to Rule 210.13(b), the BlueAnt Respondents state that for calendar year 2014, its best estimate at this time, is that the United States market represented approximately [REDACTED] of BlueAnt's worldwide market for the accused products.

5. This information is preliminary in nature and will be supplemented and amended as appropriate.

Electronic Acknowledgement Receipt

EFS ID:	21787567
Application Number:	13775754
International Application Number:	
Confirmation Number:	1030
Title of Invention:	Wireless Digital Audio Music System
First Named Inventor/Applicant Name:	C. Earl Woolfork
Customer Number:	68533
Filer:	Megan Elizabeth Lyman
Filer Authorized By:	
Attorney Docket Number:	1028.7
Receipt Date:	17-MAR-2015
Filing Date:	25-FEB-2013
Time Stamp:	09:18:40
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Notice of concurrent proceedings / decisions	SatementforAnswers.pdf	68852 <small>064f9ac782f13c444639570925352d0e3a6b51d0</small>	no	1

Warnings:

Information:

2	Notice of concurrent proceedings / decisions	ArgumentsSmallest.pdf	4869485 108ec9dc0c34f59b36cb203362ed8ad61e18f892	no	213
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Warnings:

Information:

Total Files Size (in bytes):	4938337
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

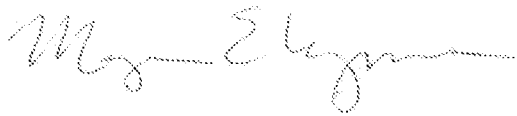
Transmission of Opposing Arguments in Litigation

To Whom It May Concern:

The above application is involved in an ITC investigation. The applicant has attached three documents to this submission: One-E-Way's Ground Rule 8.2 Proposed Preliminary Construction of Identified Claim Terms, Respondents' Joint Preliminary Claim Constructions, and Ericsson's Bluetooth Headset HBH-10 User's Guide. It is with candor and good faith that this information is provided. Please do not hesitate to contact me with any questions or concerns.

April 22, 2015

Respectfully Submitted,

A handwritten signature in cursive script, appearing to read "Megan E. Lyman".

Megan E. Lyman, Registration No. 57,054
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UNITED STATES INTERNATIONAL TRADE COMMISSION
WASHINGTON, D.C.

Before the Honorable Thomas B. Pender
Administrative Law Judge

In the Matter of

CERTAIN WIRELESS HEADSETS

Inv. No. 337-TA-943

**ONE-E-WAY'S GROUND RULE 8.2 PROPOSED PRELIMINARY
CONSTRUCTION OF IDENTIFIED CLAIM TERMS**

Pursuant to the Joint proposed Procedural Schedule filed March 3, 2015 and Ground Rule 8.2 in Order No. 2 (January 15, 2015), Complainant, One-E-Way ("One-E-Way") provides the proposed preliminary construction of claim terms of U.S. Patent No. 7,865,258 ("the '258 Patent") and U.S. Patent No. 8,131,391 ("the '391 Patent") as identified in Appendix A attached hereto.

One-E-Way reserves its right to supplement or modify the following proposed constructions in light of Respondents', Beats Electronic, LLC, and Beats Electronics International (collectively, "Beats"), Sony Corporation, Sony Corporation of America, Sony Electronics Inc. (collectively, "Sony"), BlueAnt Wireless Pty, Ltd., BlueAnt Wireless, Inc. (collectively, "BlueAnt"), AliphCom d/b/a Jawbone ("Jawbone"), GN Netcom A/S ("GN"), and Creative Technology Ltd., Creative Labs, Inc. (collectively, "Creative") proposed terms for construction, further discovery in this matter, any rulings for the ITC, or other pre-hearing proceedings.

Dated: March 27, 2015

By: /s/ Douglas G. Muehlhauser
Douglas G. Muehlhauser

Paul A. Stewart
Payson LeMeilleur
Alan G. Laquer

KNOBBE, MARTENS, OLSON & BEAR, LLP
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Facsimile: (949) 760-9502

Counsel for Complainant, One-E-Way, Inc.

APPENDIX A

“Fed. Standard 1037C” refers to the August 7, 1996 publication of the Federal Standard 1037C (“Telecommunications: Glossary of Telecommunications Terms”), produced as IEWAY00056769-7267 and also available at <http://www.its.bldrdoc.gov/fs-1037/fs-1037c.htm>

Citations to the asserted patents’ specification are identified according to location within the ’391 patent’s specification and also include by that reference the corresponding location within the ’258 patent’s specification.

“’196 Pub.” refers to U.S. Patent Application Publication No. 2003/0118196, which the asserted patents incorporate by reference.

No.	Claim Term	One-E-Way’s Proposed Construction	Supporting References
1.	reduced intersymbol interference coding / reduced inter-symbol interference coding	One-E-Way does not believe that this term needs construed. However, if the Court is inclined to construe the term, then One-E-Way proposes that it should be construed consistent with its ordinary meaning as: “coding that improves the ability to distinguish between individual signal elements by reducing distortion in the temporal spreading and consequent overlap of individual pulses”	Spec. 1:35-53; 4:1-9; ’196 Pub. ¶ 13 IEWAY00056738-39; 2967-2983; 195-202; 641-55; 743-56; 796-821; 56515-29; 56396-99 Fed. Standard 1037C definition of “intersymbol interference” Expert opinion of Joseph C. McAlexander, P.E. that the claim term has this ordinary meaning.

No.	Claim Term	One-E-Way's Proposed Construction	Supporting References
2.	original audio signal representation in packet format / original audio signal representation in the form of packets / digital audio . . . representation signal in the form of a packet	One-E-Way does not believe that this term needs construed. However, if the Court is inclined to construe the term, then One-E-Way proposes that it should be construed consistent with its ordinary meaning as: "one or more packets corresponding to the original audio signal"	Spec. 2:30-36; 3:40-4:16; FIGS. 1-3; '196 Pub. ¶¶ 12, 17, 18 1EWAY00003574; 2957-66; 2789-846; 195-202 Expert opinion of Joseph C. McAlexander, P.E. that the claim term has this ordinary meaning.
3.	CDMA / code division multiple access (CDMA) / code division multiple access	One-E-Way does not believe that this term needs construed. However, if the Court is inclined to construe the term, then One-E-Way proposes that it should be construed consistent with its ordinary meaning as: "a coding scheme, used as a modulation technique, in which multiple channels are independently coded for transmission over a single wideband channel"	Abstract; Spec. 1:35-53; 1:57-62; 3:17-22; '196 Pub. ¶ 16 1EWAY00003114-31; 2789-846; 195-202; 641-55; 743-56 2007-06-11 Response (1EWAY00002960) Fed. Standard 1037C definition of "code-division multiple access (CDMA)" Expert opinion of Joseph C. McAlexander, P.E. that the claim term has this ordinary meaning.

No.	Claim Term	One-E-Way's Proposed Construction	Supporting References
4.	<p>configured for independent CDMA communication operation /</p> <p>configured for independent code division multiple access (CDMA) operation /</p> <p>configured for independent code division multiple access communication operation</p>	<p>One-E-Way does not believe that this term needs construed; See preliminary proposed constructions for term no. 5 above and treat this term consistent with that other term.</p> <p>The term "configured for independent code division multiple access (CDMA) operation" should be treated according to its ordinary meaning. However, if the Court is inclined to construe this term, then One-E-Way proposes that it should be construed consistent with its ordinary meaning as:</p> <p>"configured for CDMA operation control by only the user's devices"</p>	<p>A Abstract; Spec. 1:35-53; ; 1:57-62; 2:1-4; 2:54-59; 2:66-3:31; 3:32-36; FIGS. 2 and 3; '196 Pub. ¶¶ 14, 16</p> <p>1EWAY000035724-5; 3425-32; 3389-95; 3257-61; 3114-31; 2957-66; 2885-99; 2789-846; 2723-30; 5659-63; 5515-16; 5507-09; 5507-09; 113-120; 56515-29; 56449-53; 56396-99</p> <p>2007-09-20 Response (1EWAY00002887)</p> <p>Expert opinion of Joseph C. McAlexander, P.E. that the claim term has this ordinary meaning.</p>
5.	<p>unique user code /</p> <p>unique user code bit sequence</p>	<p>One-E-Way does not believe that this term needs construed. However, if the Court is inclined to construe the term, then One-E-Way proposes that it should be construed consistent with its ordinary meaning as:</p> <p>"code that distinguishes the transmissions of the user's devices from those of other users' devices"</p>	<p>A Abstract; Spec. 1:35-53; 2:1-4; 2:54-59; 2:66-3:31; 3:32-36; FIGS. 2 and 3; '196 Pub. ¶¶ 14, 16</p> <p>1EWAY000035724-5; 3425-32; 3389-95; 3257-61; 3114-31; 2957-66; 2885-99; 2789-846; 2723-30; 5659-63; 5507-09; 113-120; 56515-29; 56449-53; 56396-99</p> <p>2007-09-20 Response (1EWAY00002887)</p> <p>Expert opinion of Joseph C. McAlexander, P.E. that the claim term has this ordinary meaning.</p>

No.	Claim Term	One-E-Way's Proposed Construction	Supporting References
6.	a digital demodulator	<p>One-E-Way does not believe that this term needs construed. However, if the Court is inclined to construe the term, then One-E-Way proposes that it should be construed consistent with its ordinary meaning as:</p> <p>“a module configured to recover, from a modulated carrier, a signal having substantially the same characteristics as the original modulated signal”</p>	<p>Spec. 2:40-43; 2:50-53; 2:64-3:26; FIGS. 2 and 3; '196 Pub. ¶¶ 14, 17, 18</p> <p>1EWAY00003120; 2796-98; 2836; 2725</p> <p>Fed. Standard 1037C definitions of “demodulation” and “modulation”</p> <p>Expert opinion of Joseph C. McAlexander, P.E. that the claim term has this ordinary meaning.</p>
7.	direct conversion module	<p>One-E-Way does not believe that this term needs construed. However, if the Court is inclined to construe the term, then One-E-Way proposes that it should be construed consistent with its ordinary meaning as:</p> <p>“module that converts from radio frequency to or very near to baseband”</p>	<p>Spec. 2:30-3:36; 4:17-28; FIGS. 2 and 3; '196 Pub. ¶¶ 12, 15, 16</p> <p>1EWAY00003403-4; 113-120; 195-202; 641-55; 743-56; 743-56</p> <p>Expert opinion of Joseph C. McAlexander, P.E. that the claim term has this ordinary meaning.</p>

No.	Claim Term	One-E-Way's Proposed Construction	Supporting References
8.	virtually free from interference	<p>One-E-Way does not believe that this term needs construed. However, if the Court is inclined to construe the term, then One-E-Way proposes that it should be construed consistent with its ordinary meaning as:</p> <p>“for practical purposes free from extraneous energy artifacts impeding the desired signal”</p>	<p>A Abstract; Spec. 1:35-53; 4:17-28; FIG. 1.; '196 Pub. ¶ 16</p> <p>1EWAY000035724-5; 3389-95; 3114-31; 2957-66; 2885-99; 2789-846; 2772-73; 2723-30; 5659-63; 5507-09; 113-120; 195-202; 56515-29; 56449-53; 56396-99</p> <p>Fed. Standard 1037C definition of “interference”</p> <p>Expert opinion of Joseph C. McAlexander, P.E. that the claim term has this ordinary meaning.</p>

CERTIFICATE OF SERVICE

The undersigned certifies that on March 27, 2015, I caused copies of **ONE-E-WAY'S GROUND RULE 8.2 PROPOSED PRELIMINARY CONSTRUCTION OF IDENTIFIED CLAIM TERMS** to be served as indicated below:

Staff Investigative Attorney – U.S. International Trade Commission	
Vu Bui, Lead Attorney Office of Unfair Import Investigation U.S. International Trade Commission 500 E Street, S.W., Room 401 Washington, DC 20436	Via E-mail – Vu.Bui@usitc.gov
Respondents	
<i>For Respondents Sony Corporation / Sony Corporation of America / Sony Electronics Inc.</i> Paul T. Qualey KENYON & KENYON LLP 1500 K Street, N.W. Washington, D.C. 20005 Telephone: (202) 220-4200 Facsimile: (202) 220-4201	Via E-mail – Sony-ITC-943@kenyon.com
<i>For Respondent Sennheiser Electronic Corporation and Sennheiser Electronic GmbH & Co. KG</i> Sean DeBruine KILPATRICK, TOWNSEND & STOCKTON LLP 1080 Marsh Road Menlo Park, CA 94025	Via E-mail – SennheiserITC@kilpatricktownsend.com
<i>For Respondents BlueAnt Wireless, Inc. and BlueAnt Wireless Pty, Ltd.</i> Duane H. Mathiowetz NOVAK DRUCE CONNOLLY BOVE + QUIGG LLP 555 Mission Street, 34 th Floor San Francisco, CA 94105	Via Email – BlueAntITC@novakdruce.com

<p><i>For Respondents</i> <i>Creative Technology Ltd. and Creative Labs, Inc.</i></p> <p>Jonathan Baker FARNEY DANIELS PC 411 Borel Avenue, Suite 350 San Mateo, CA 94402</p>	<p>Via E-mail – Creative-ITC-943@farneydaniels.com</p>
<p><i>For Respondents</i> <i>Beats Electronics, LLC and</i> <i>Beats Electronics International</i></p> <p>Celine J. Crowson HOGAN LOVELLS U.S. LLP 555 Thirteenth Street, N.W. Washington, D.C. 20004 Telephone: 202-637-5600</p>	<p>Via E-mail – Beats-OEWCase@hoganlovells.com</p>
<p><i>For Respondent</i> <i>AliphCom d/b/a Jawbone</i></p> <p>Stephen R. Smith COOLEY LLP 1299 Pennsylvania Avenue, NW Suite 700 Washington, DC 20004 Tel: (202) 842-7800 Fax: (202) 842-7899</p>	<p>Via E-mail - stephen.smith@cooley.com Jawbone-ITC@cooley.com</p>
<p><i>For Respondent</i> <i>GN Netcom A/S d/b/a Jabra</i></p> <p>William B. Nash HAYNES AND BOONE, LLP 112 East Pecan Street, Suite 1200 San Antonio, TX 78205 Telephone: (210) 978-7000 Facsimile: (210) 978-7450</p>	<p>Via E-mail – GN-ITC@haynesboone.com</p>

/s/ Alan G. Laquer

20219609
032715

UNITED STATES INTERNATIONAL TRADE COMMISSION
WASHINGTON, D.C.

Before The Honorable Thomas B. Pender,
Administrative Law Judge

In the Matter of

CERTAIN WIRELESS HEADSETS

Investigation No. 337-TA-943

RESPONDENTS' JOINT PRELIMINARY CLAIM CONSTRUCTIONS

Pursuant to the joint proposed Procedural Schedule filed March 3, 2015 and Ground Rule 8.2 in Order No. 2 (January 15, 2015), Respondents Beats Electronic, LLC, and Beats Electronics International (collectively, "**Beats**"); Sony Corporation, Sony Corporation of America, Sony Electronics Inc. (collectively, the "**Sony Respondents**"); BlueAnt Wireless Pty, Ltd., BlueAnt Wireless, Inc. (collectively, "**BlueAnt**"); AliphCom d/b/a Jawbone ("**Jawbone**"); GN Netcom A/S ("**GN**"); and Creative Technology Ltd., Creative Labs, Inc. (collectively, "**Creative**") (the foregoing, "**Respondents**") submit the following proposed constructions for terms identified by Respondents as requiring construction.

Discovery is in its early stages, and Respondents anticipate receiving additional documents and information from Complainant One-E-Way, Inc. and its witnesses and from third parties. Respondents therefore reserve the right to amend and supplement the proposed constructions below based on further investigation and discovery and in a manner consistent with the Commission's Rules, the ALJ's Ground Rules for this investigation, and Order No. 2. Respondents reserve the right to offer evidence and argument regarding the construction of any term that is identified by any other party in this investigation, including but not limited to any term identified by any other party for which the Respondents have not proposed a construction

below (e.g., because they presently believe no construction is necessary). Nothing in the list below shall be construed to limit Respondents' right to argue that any claim of any of the patents-in-suit is invalid.

In the interest of narrowing the issues in this investigation, Respondents no longer believe it is necessary to construe, and thus have not proposed constructions for, the following terms that they previously identified as requiring construction: "configured for direct digital wireless communication" / "configured for direct digital wireless spread spectrum communication"; "de-interleaver"; "interleaver"; "a decoder operative to decode reduced intersymbol interference coding" / "a decoder operative to decode the applied reduced intersymbol interference coding"; and "an encoder operative to encode said original audio signal representation to reduce intersymbol interference" / "a encoder operative to encode said original audio signal representation to reduce intersymbol interference."

The disclosures in the table below use the following definitions: "391 Application" means the U.S. Application No. 10/027,391 filed on Dec. 21, 2001; "294 Patent" means U.S. Patent 7,412,294; "885 Patent" means U.S. Patent 7,684,885; "258 Patent" means U.S. Patent 7,865,258; "391 Patent" means U.S. Patent 8,131,391; and "Asserted Patents" means the '258 Patent and the '391 Patent.

Proposed Term / Phrase	Proposed Construction	Supporting Evidence
CDMA / code division multiple access (CDMA) / code division multiple access	"a method of direct-sequence spread spectrum encoding" ¹	<u>Specification</u> '258 Patent at 2:32-37, 2:62-3:1, 3:6-18, Figs. 2 & 3; '391 Patent at 3:10-22, Figs. 2 & 3; '391 Application ² at ¶¶ [0014], [0016], Figs. 2 & 3. <u>File History</u> '391 Patent File History: Response dated Dec. 15, 2011 at 8. '258 Patent File History: Response dated Feb. 4, 2010 at 7; Response dated Aug. 4, 2010 at 4. '885 Patent File History: Response dated Mar. 4, 2009. '294 Patent File History: Response dated Mar. 17, 2006 at 3; Response dated Aug. 15, 2006 at 2, 22; Declaration dated Aug. 15, 2006 at 2; Final Rejection dated Oct. 2,

¹ Citations herein to the figures of a patent should be understood as also referring to the corresponding portions of the text of the specification discussing those figures, and citations to portions of the text of the specification should be understood as also referring to the figures discussed therein. Also, because the '391 Patent and the '258 Patent share a substantially identical specification, citations to either of those patents should also be understood as referring to the corresponding portions of the other patent.

² The '391 Patent incorporates the '391 Application by reference. '391 Patent at 1:3-15. The applicant obtained a certificate of correction that incorporated the '391 Application into the '258 Patent by reference. '258 Patent, Certificate of Correction dated Jan. 4, 2011. Therefore, the disclosures of the '391 Application may be considered part of the specification of both Asserted Patents. If, for any reason, either incorporation by reference is found ineffective, these disclosures will be deemed supporting evidence from the file history rather than supporting evidence from the specification.

Proposed Term / Phrase	Proposed Construction	Supporting Evidence
		<p>2006 at 3-7; Response dated Nov. 29, 2006 at 37-38; Response dated Nov. 29, 2006 at 2, 34, 36.</p> <p><u>Extrinsic Evidence</u></p> <p>Ke-Lin Du and M. N. S. Swamy, WIRELESS COMMUNICATION SYSTEMS at ch. 8 (2010).</p> <p>Robert C. Dixon, SPREAD SPECTRUM SYSTEMS WITH COMMERCIAL APPLICATIONS at 412 (3rd Ed. 1994).</p> <p>Bluetooth Measurement Fundamentals, Application Note, Agilent Technologies (2006).</p> <p>MCGRAW-HILL DICTIONARY OF SCIENTIFIC AND TECHNICAL TERMS at 397 (5th ed. 1993).</p> <p>Muthuthamby Sreetharan & Rajiv Kumar, CELLULAR DIGITAL PACKET DATA, at 25-26 (1996).</p> <p>Lawrence Harte et al., THE COMPREHENSIVE GUIDE TO WIRELESS TECHNOLOGIES, at 51-52 (2000).</p> <p>Lawrence Harte et al., CELLULAR AND PCS, at 71-72, 255-56 (1997).</p> <p>Andreas F. Molisch, WIRELESS COMMUNICATIONS at ch. 18 (2005).</p> <p>Theodore S. Rappaport, WIRELESS COMMUNICATIONS: PRINCIPLES & PRACTICE, at 404-07 (1996).</p> <p>Andrew J. Viterbi, CDMA PRINCIPLES OF SPREAD</p>

Proposed Term / Phrase	Proposed Construction	Supporting Evidence
<p>configured for independent CDMA communication operation /</p> <p>configured for independent code division multiple access (CDMA) communication operation /</p> <p>configured for independent code division multiple access communication operation</p>	<p>“configured to access the medium individually without any central control, using the unique user code to spread or de-spread the signal spectrum”</p>	<p>SPECTRUM COMMUNICATION chs. 1 & 2 (1995).</p> <p>Testimony of expert witnesses Dr. Robert Akl, James T. Geier and/or Regis J. “Bud” Bates (see below for listing of opinions).</p> <p><u>Specification</u></p> <p>’258 Patent at 2:50-55, 3:9-13, 3:16-18, 3:40-43; ’391 Patent at 2:54-59, 3:13-17, 3:20-22, 3:44-47; ’391 Application ¶¶ [0014], [0016].</p> <p><u>File History</u></p> <p>’391 Patent File History: Response dated Nov. 14, 2011 at 6-9.</p> <p>’258 Patent File History: Response dated Aug. 4, 2010 at 2-4; Response dated Feb. 4, 2010 at 5-7.</p> <p>’885 Patent File History: Response dated Mar. 4, 2009.</p> <p>’294 Patent File History: Response dated Apr. 27, 2008 at 23, 25-26; Appeal Brief at 10, 39-40; Response dated Nov. 29, 2006 at 34, 36; Final Rejection dated Oct. 2, 2006 at 7; Response dated Aug. 15, 2006 at 36-37; Response dated Feb. 16, 2006 at 14-15; Response dated Dec. 30, 2005 at 15; Response dated Jan. 29, 2007 at 22-23; Summary of Examiner Interview on May 20, 2008 at 3.</p> <p>’391 Application File History: Specification at ¶¶ [0014],</p>

Proposed Term / Phrase	Proposed Construction	Supporting Evidence
unique user code / unique user code bit sequence	“a fixed code word specifically associated with one wireless digital audio system user”	[0016]. <u>Extrinsic Evidence</u> None. <u>Specification</u> '258 Patent at 2:50-55, 3:9-13, 3:40-43; '391 Patent at 2:54-59, 3:13-17, 3:44-47. <u>File History</u> '258 Patent File History: Response dated Feb. 4, 2010, at 5-7. '294 Patent File History: Appeal Brief at 10-11, 39-40; Response dated Oct. 2, 2006 at 3-7; Response dated Feb. 16, 2006 at 14-15; Response dated Aug. 15, 2006 at 36-37; Response dated Apr. 29, 2008 at 25-26; Response dated Sep. 20, 2007 at 29. '391 Application File History: Specification at ¶¶ [0014], [0016]. <u>Extrinsic Evidence</u> None
a digital demodulator	“a component that converts received symbols into bits”	<u>Specification</u> '391 Patent at 2:30-3:31, Figs. 2, 3 & asserted claims;

Proposed Term / Phrase	Proposed Construction	Supporting Evidence
virtually free from interference	Indefinite.	<p>'258 Patent asserted claims.</p> <p><u>File History</u></p> <p>'391 Application File History: Drawings 2 & 3; Specification at ¶¶ 5, 13, 14, 7, 20 & claims 3, 4, 6; Response dated July 1, 2005 at 14; Office Action dated Nov. 26, 2002 at 4, 6.</p> <p>'294 Patent File History: Response to Office Action of October 2, 2006, at 33, 35; Supplemental After Final Response to Office Action of October 2, 2006, at 23; Summary of Examiner Interview on May 20, 2008, at 3; Request for Continued Examination, at 23, 25-26; Appeal Brief In Compliance With 37 CFR § 41.37, at 8, 10, 12-13; Response dated July 1, 2005 at 6, 14.</p> <p>'258 Patent File History: Information Disclosure Statement dated Aug. 4, 2010, PCT/US99/28686 at 6.</p> <p><u>Extrinsic Evidence</u></p> <p>None.</p>
		<p><u>Specification</u></p> <p>'258 Patent at 1:64-67; '391 Patent at 2:1-4; '391 Application ¶ [0016].</p> <p><u>File History</u></p> <p>'294 Patent File History: Appeal Brief at 24.</p>

Proposed Term / Phrase	Proposed Construction	Supporting Evidence
<p>original audio signal representation in packet format /</p> <p>original audio signal representation in the form of packets /</p> <p>digital audio . . . representation signal in the form of a packet</p>	<p>“digital format that carries high quality audio data without compression”</p>	<p>’885 Patent File History: Response dated Oct. 2, 2009 at 2.</p> <p><u>Extrinsic Evidence</u></p> <p>Testimony of expert witnesses Dr. Robert Akl, James T. Geier and/or Regis J. “Bud” Bates (see below for listing of opinions).</p>
<p>reduced intersymbol interference coding /</p> <p>reduced inter-symbol interference coding</p>	<p>Indefinite.</p>	<p><u>Specification</u></p> <p>’258 Patent at 2:41-42, 3:36-39; ’391 Patent at 2:45-46, 3:40-43.</p> <p><u>File History</u></p> <p>’391 Patent File History: Response dated Aug. 2, 2011 at 13</p> <p><u>Extrinsic Evidence</u></p> <p>None.</p>
<p>reduced intersymbol interference coding /</p> <p>reduced inter-symbol interference coding</p>	<p>Indefinite.</p>	<p><u>Specification</u></p> <p>None.</p> <p><u>File History</u></p> <p>’391 Patent File History: Response dated Dec. 5, 2011 at 1-3.</p> <p>’258 Patent File History: Response dated Jun. 7, 2010 at</p>

Proposed Term / Phrase	Proposed Construction	Supporting Evidence
direct conversion module	“a receiver which performs only a single frequency conversion, without an intermediate frequency, thereby converting the received signal to a baseband signal”	<p>7 and Exhibit IV thereto.</p> <p><u>Extrinsic Evidence</u></p> <p>Testimony of expert witnesses Dr. Robert Akl, James T. Geier and/or Regis J. “Bud” Bates (see below for listing of opinions).</p> <p><u>Specification</u></p> <p>’258 Patent at 2:60-3:27, Fig. 3; ’391 Patent at 2:64-31, Fig. 3.</p> <p><u>File History</u></p> <p>’391 Patent File History: Office Action dated Nov. 4, 2011 at 11-15; Response dated Aug. 2, 2011 at 11-15.</p> <p>’258 Patent File History: Response dated August 3, 2010 at 4-7.</p> <p><u>Extrinsic Evidence</u></p> <p>Ke-Lin Du and M. N. S. Swamy, <i>Wireless Communication Systems: From RF Subsystems to 4G Enabling Technologies</i>, §§ 1.4.1, 1.4.2 (2010).</p> <p>Janine Sullivan, <i>Direct Conversion Receivers: A Buyer’s Guide</i>, EE TIMES (Nov. 1, 2001) (available at http://www.eetimes.com/document.asp?doc_id=1277455).</p> <p>Asad A. Abidi, <i>Direct-Conversion Radio Transceivers</i></p>

Proposed Term / Phrase	Proposed Construction	Supporting Evidence
		<p><i>for Digital Communications</i>, IEEE Journal of Solid-State Circuits, Vol. 30, No. 12 (Dec. 1995).</p> <p>Ashkan Mashhour, William Domino, Norman Beamish, <i>On the Direct Conversion Receiver – A Tutorial</i>, MICROWAVE JOURNAL (June 1, 2001)</p>

Some or all of the Respondents may additionally rely on expert testimony by Dr. Robert Akl, James T. Geier and/or Regis J. "Bud" Bates on claim construction and indefiniteness issues. A description of the substance of this testimony (including the opinions to be rendered in connection with claim construction) is as follows:

Level of ordinary skill in the art.

A person of ordinary skill in the art of the Asserted Patents would have a Bachelor of Science degree in electrical engineering or a related field, and around two years of experience in the design or implementation of wireless communications systems, or the equivalent. Alternatively, a person of ordinary skill in the art of the Asserted Patents would have six years of experience in the design or implementation of wireless communications systems, or the equivalent.

"CDMA" / "code division multiple access (CDMA)" / "code division multiple access"

Code Division Multiple Access generally refers to a technique for allowing multiple transmitters to utilize the same communications channel at the same time. CDMA is distinct from other multiple access techniques such as Time Division Multiple Access ("TDMA") and Frequency Division Multiple Access ("FDMA") in that CDMA attempts to minimize transmitter interference by use of a code. One way of accomplishing this code division or separation is direct sequence spread spectrum ("DSSS"), in which the system combines the data signal and a higher-rate spreading code.

When the '391 Application was filed, persons of ordinary skill in the art actually had two distinct understandings of CDMA. One was that CDMA was synonymous with DSSS. For example, this meaning was used by industry-leader Qualcomm, particularly in its promotion of the IS-95 standard. The other definition of CDMA included both DSSS and FHSS. For those

using this second meaning of CDMA, they would often specify the particular spread spectrum technique used to create CDMA, for example, by clearly referring to “FH-CDMA” or “DS-CDMA.” Based on my personal experience, I (along with many other skilled artisans at that time) would have identified the term “CDMA,” without more context, as synonymous with DSSS.

The context of the '391 Application, including paragraphs [0014] and [0016] and figures 2 and 3, would have made this meaning of CDMA even clearer to a person of ordinary skill in the art. The context of the applicant's subsequent disclosures in the later applications, including col. 3, lines 6 – 18 and figures 2 and 3 of the '258 Patent and col. 3, lines 10 – 22 and figures 2 and 3 of the '391 Patent, are to the same effect and convey to one of ordinary skill in the art that the applicant considered his invention to be based on direct sequence spread spectrum modulation.

“virtually free from interference”

The asserted claims relate to a wireless digital audio system for listening to audio, and require that “said audio” has been wirelessly transmitted and reproduced free from interference. Based on the intrinsic record, the term “interference” relates to specific interference from other, nearby users of similar wireless audio systems. The claim phrase “virtually free from interference” when “read in light of the specification describing the patent, and the prosecution history, fails to inform, with reasonable certainty, those skilled in the art about the scope of the invention.” The phrase is highly subjective on its face and may depend on the determination of each individual person. Moreover, the intrinsic evidence provides no objective boundaries for when audio becomes “virtually free” (as opposed to less-than-virtually-free) from interference. And even if one assumed a particular threshold at which audio becomes “virtually free” from

interference, the intrinsic evidence provides no objective standard or criteria by which to measure whether this threshold has been met. Finally, “virtually free from interference” is not a term of art and has no particular meaning to a person of ordinary skill in the art.

“reduced intersymbol interference coding”

The term “reduced intersymbol interference coding” does not have a known meaning in the field. Nor does the specification of the Asserted Patents explain the meaning of that term. One of skill in the art would not recognize reduced intersymbol interference coding as referring to any particular category or classification of codings. Thus, the phrase “reduced intersymbol interference coding” when read in light of the specification, and the prosecution history, fails to inform those skilled in the art about the scope of the invention with reasonable certainty. Moreover, parsing and examining the individual words of the phrase fails to provide reasonable certainty as to its meaning. In particular, the phrase is ambiguous because it is unclear what the appropriate reference point is for determining whether a coding is a “*reduced* intersymbol interference coding,” i.e., reduced compared to what? Rather, one of skill in the art could select any number of potential codings for data transmission, with a variety of potential effects on intersymbol interference under various circumstances. Additionally, the intrinsic evidence provides no guidance on how to determine what threshold of intersymbol interference reduction renders a coding a “*reduced* intersymbol interference coding,” i.e., reduced by how much? The intrinsic evidence provides no objective standard or criteria by which to measure whether this threshold has been met. Nor would one of skill in the art recognize this term as referring to a particular threshold of intersymbol interference known in the field.

Dated: March 27, 2015

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Ericsson HBH-10
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This User's Guide is published by
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Introduction

The *Bluetooth*™ Headset HBH-10 is a cordless portable handsfree solution based on *Bluetooth* wireless technology.

Please read the “Guidelines for Safe and Efficient Use” and “Limited Warranty” chapters before using your Headset.

What is *Bluetooth* Wireless Technology?

The *Bluetooth* wireless technology makes it possible to connect any compatible portable and stationary communications device without using cables. The technology is based on a radio link that offers fast and reliable transmission of voice and data information. It does not require a line-of-sight connection in order to establish communication. The *Bluetooth* wireless technology uses a globally available frequency range intended to ensure communication compatibility worldwide. Please refer to the section “Product Care and Maintenance” on page 19 for any exceptions to availability.

How Can I Use My Headset?

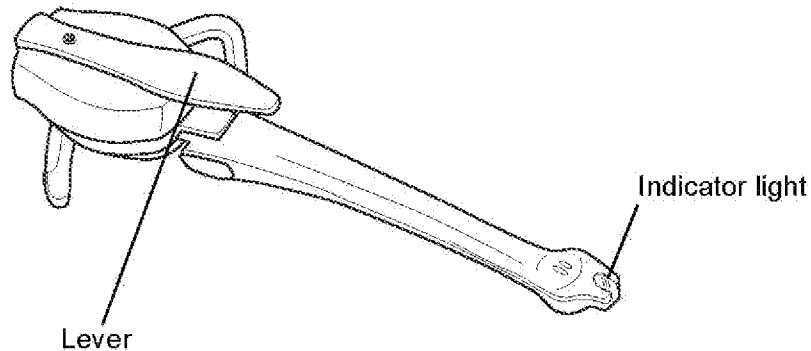
You can connect your Headset to your mobile phone or PC – or any device with *Bluetooth* wireless technology that supports the Headset Profile – to keep your hands free for more important tasks when you are at the office or in the car. This User’s Guide focuses on how to use the Headset with your mobile phone. When the Headset is connected to your mobile phone, you can use voice control to make calls (if your phone supports this function). The phone can be tucked away in your pocket or in a bag. You can handle incoming and outgoing calls, and adjust the volume using a single three-way button on the Headset.

Using Your Headset

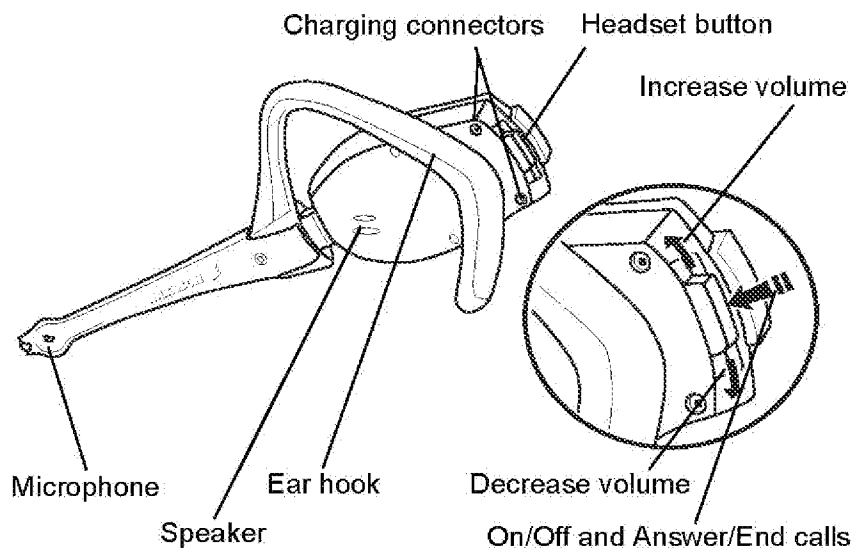
Overview

Any device that you want to use with the *Bluetooth* Headset has to be compatible with *Bluetooth* wireless technology and support the Headset Profile. To be able to use the Headset together with a mobile phone, you need to have a phone with built-in *Bluetooth* capability, or a phone with a *Bluetooth* adapter connected to it.

Front

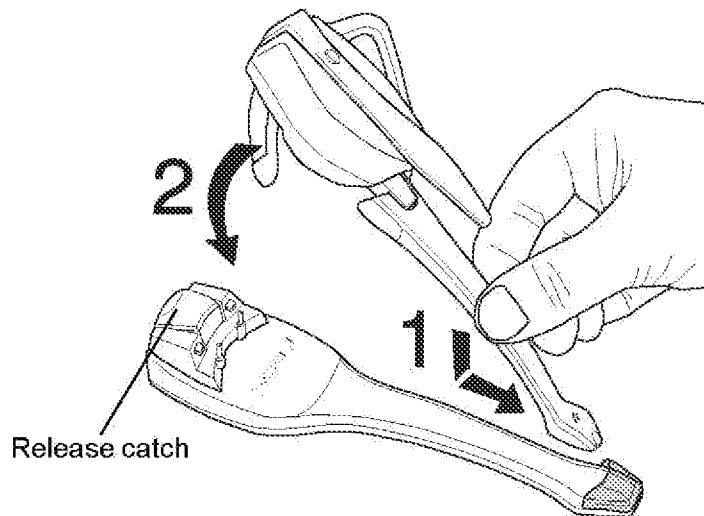


Back



The Headset comes with a cradle, which holds the Headset during charging.

The Cradle



Looking After the Headset

Always keep the Headset in a case or in the cradle when not wearing it on your ear. You can keep the Headset in the cradle even when not charging it.

Note: *Always handle the Headset with care!*

Getting Started

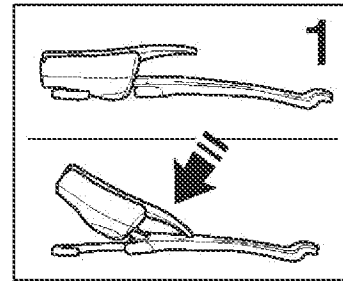
Before you start using the Headset with a phone or other device for the first time, you should do the following:

- Decide on which ear you want to wear the Headset (it is delivered for right-ear use).
- Charge the Headset in the cradle using an appropriate Ericsson charger.
- Pair the Headset with a device, for example, a mobile phone.

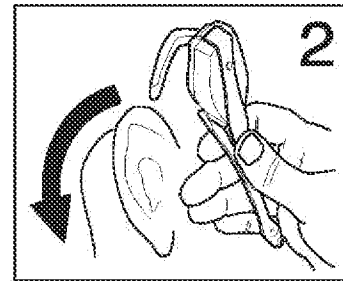
These three stages are described in turn below.

Putting On the Headset

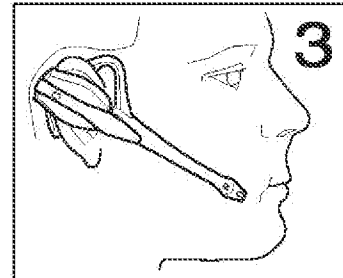
- Press down the lever as shown.



- Put on the Headset with the ear hook behind your ear.



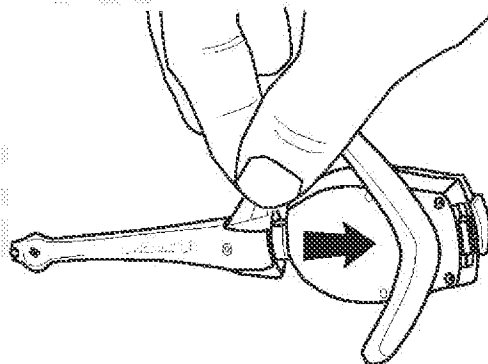
- Make sure the microphone is pointing towards your mouth.



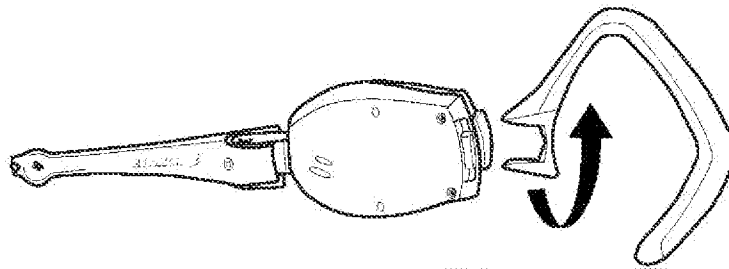
Right or Left Ear

If you want to wear the Headset on your left ear, you have to change the orientation of the ear hook.

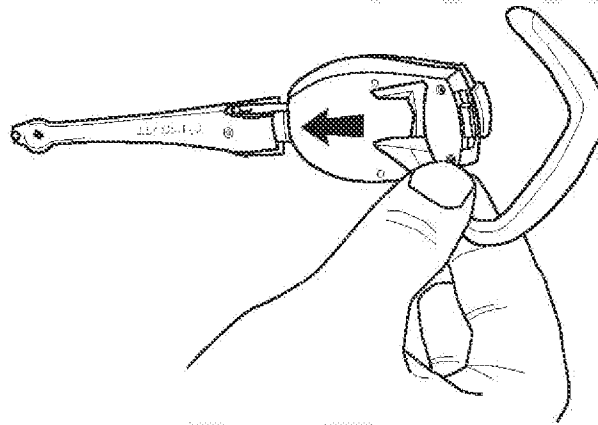
To adjust the ear hook for left-ear use:



1. Gently pull the ear hook from the Headset as shown above. Always hold the hook as shown.



2. Turn the hook 180 degrees.



3. Attach the ear hook by gently pressing it into place.

You also have to change the orientation of the volume button. You can do this either using the Headset, or, if using an Ericsson phone, via the menu system in the phone.

To change the orientation of the volume button

1. When the Headset is turned off, press and hold the Headset button for up to 10 seconds until the indicator light on the Headset flashes green and red.
2. Slide the volume button in the direction (upwards or downwards) that you want to use to increase the volume.
3. Press the Headset button until the Headset is switched off.

See "Right or Left Ear" on page 15 if you want to change the orientation of the volume button using the phone's menu system.

Charging

The Headset comes with a built-in rechargeable battery. The battery is not fully charged when you buy the Headset. We recommend that you charge the Headset until the indicator light turns green before using it for the first time. Put the Headset into the cradle to charge it.

- To remind you that you will soon need to recharge the battery, the Headset indicator light flashes red when the Headset is on.
- It takes 1-1.5 hours to fully recharge the battery.
- During charging the indicator light shows a steady red light when the Headset is turned off, and flashes red when the Headset is on.
- When the battery is fully charged the indicator shows a steady green light if the Headset is off, or a flashing green light if the Headset is on.

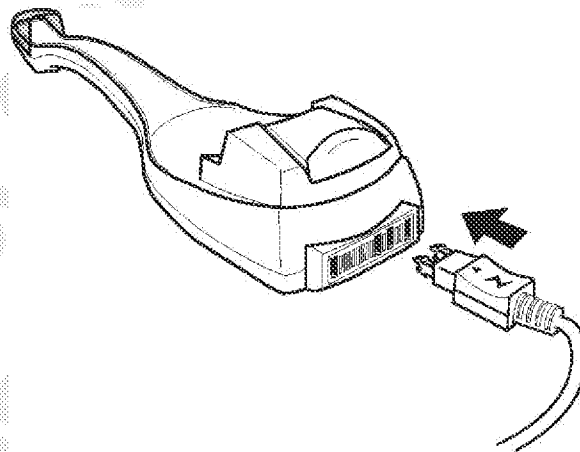
Which Chargers Can I Use

You can attach the following chargers to the cradle:

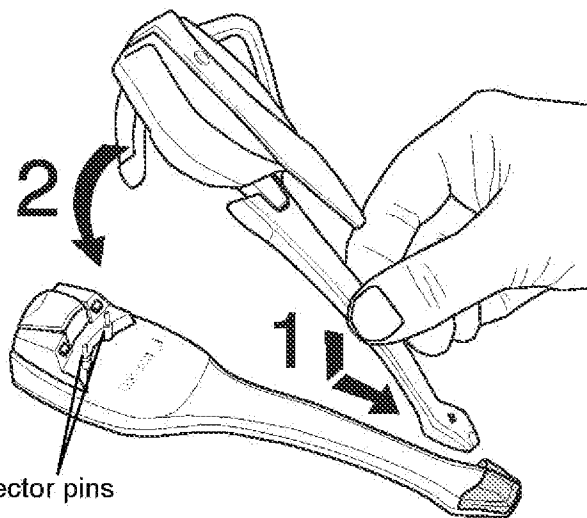
- Ericsson Travel Charger CTR-10
- Ericsson Cigarette Lighter Adapter CLA-10

Note: *You may already have one of these chargers if you have an Ericsson phone.*

How to Charge the Battery

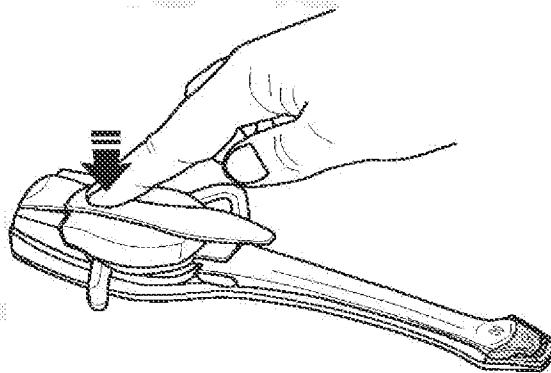


- Connect the charger to the cradle and to the mains. The flash symbol on the plug must face upwards.

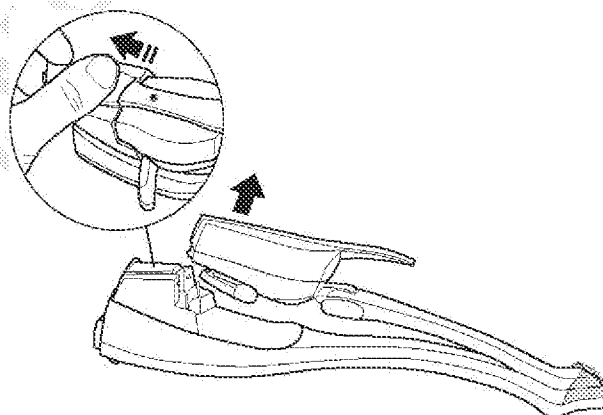


Connector pins

- Insert the Headset into the charging cradle as shown in the picture. Make sure the connector pins are aligned with the connector holes in the Headset



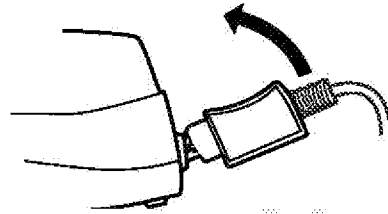
- Gently press the Headset until it clicks into place.



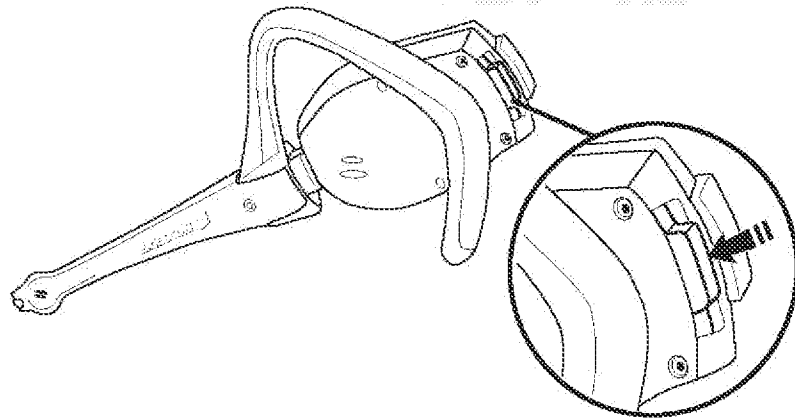
- To remove the Headset from the cradle, slide the release catch backwards and lift the Headset up.

Disconnecting the Charger

- Tilt the plug upwards to remove it.



Turning the Headset On or Off



To turn the Headset on

- Press and hold the Headset button until you hear a short low tone followed by a short high tone. The Headset indicator light flashes green. If the battery is low, the light flashes red.

To turn the Headset off

- Press and hold the Headset button until you hear a short high tone followed by a short low tone. The Headset indicator light is switched off.

Pairing the Headset

Before you start using the Headset for the first time, you must pair the Headset with the device you want to use it with, for example, a mobile phone. This section describes three ways of pairing the Headset:

- With an Ericsson phone with built-in *Bluetooth* capability
- With an Ericsson phone with a *Bluetooth* phone adapter attached
- With another *Bluetooth* device or non-Ericsson phone

Note: *The default Headset passkey is 0000.*

Using an Ericsson Phone with Built-in *Bluetooth* Capability

You pair the Headset with your phone by adding it to a list of paired devices in the phone. They then recognize each other when they connect.

To pair the Headset with the phone

1. In the phone, scroll to **Extras, YES, Bluetooth, YES, Paired devices, YES, Add device?, YES, Phone initiates, YES.**
2. A list of device types that you can pair with your phone is shown. Scroll to **Headset** and press **YES.**
3. With the Headset turned off, press and hold the Headset button for up to 10 seconds until the indicator light on the Headset flashes green and red. Make sure the Headset and the phone are not too far apart.
4. Enter the Headset passkey and press **YES.** The phone starts searching for the Headset.
5. When the search is complete, the display shows a list of available devices. Scroll to **HBH** and then press **YES.**
6. You may now replace the given Headset name with a personal name tag and then press **YES.** When pairing has been completed, the Headset indicator light flashes green.

Using an Ericsson Phone with a *Bluetooth* Adapter Attached

You pair the Headset with your phone adapter by adding it to a list of paired devices in the phone. They then recognize each other when they connect.

To pair the Headset with the phone adapter

1. Attach the *Bluetooth* adapter to the phone and turn on the phone.
2. Scroll to **Extras, YES, Accessories, YES, DBA-10, YES, Paired devices, YES, Headset, YES, Add device?.** You are then asked to prepare the Headset for pairing.
3. With the Headset turned off, press and hold the Headset button for up to 10 seconds until the indicator light on the Headset flashes green and red. Make sure the Headset and the phone are not too far apart.
4. Press **YES** on the phone. The pairing procedure starts.
5. Scroll to **HBH** and press **YES.** Press **YES** again to confirm that you want to add the Headset to the list of paired devices.
6. Enter the Headset passkey and press **YES.**
When you get confirmation that the Headset has been added to the list, and the Headset light flashes green, the pairing has been successful.

Using Another Device or a Non-Ericsson Phone

The device or phone must have *Bluetooth* capability and support the Headset profile.

To pair the Headset with another device

1. Activate the *Bluetooth* function in the other device if necessary. To do this, please refer to the user documentation for the device.
2. With the Headset turned off, press and hold the Headset button for up to 10 seconds until the indicator light on the Headset flashes green and red. Make sure the Headset and the phone are not too far apart.
3. Initiate *Bluetooth* pairing in the other device to pair it with the Headset. To do this, please refer to the user documentation for the device.
4. When asked, enter the Headset passkey and press **YES**. If pairing is successful, the Headset indicator light flashes green.

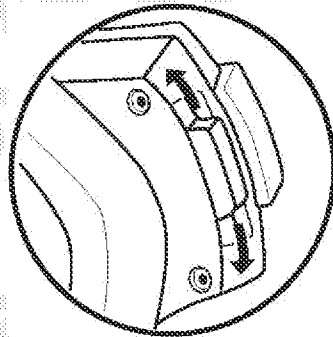
Resetting the Headset

You may want to reset the Headset to its default settings, if, for example, you forget your Headset passkey. This also clears all current pairings.

To reset the Headset

1. With the Headset turned off, press and hold the Headset button for up to 10 seconds until the indicator light on the Headset flashes green and red. Then release the button.
2. Press and hold the button again until the Headset beeps and is turned off. The Headset has now been reset.

Adjusting the Volume



Adjusting the Listening Volume

You can adjust the Headset listening volume during a call.

To adjust the listening volume

- To increase the volume, slide the Headset button up.
- To decrease the volume, slide the Headset button down.

Note: *If you change the ear on which you wear the Headset, you must also change the orientation of the volume button. See "To change the orientation of the volume button" on page 6.*

Adjusting the Ring Volume

You can adjust the Headset ring volume when you are not engaged in a call.

To adjust the ring volume

- To increase the ring volume, slide the Headset button up.
- To decrease the ring volume, slide the Headset button down.

Note: *If you change the ear on which you wear the Headset, you must also change the orientation of the volume button. See "To change the orientation of the volume button" on page 6.*

Making and Receiving Calls

Once you have paired the Headset with your phone, you can make and receive calls using the Headset as long as it is turned on and within range of the phone (up to 10 m./30 ft. with no solid objects in the way).

If your phone supports voice dialling, you can use this feature with the Headset. Please refer to your phone's user documentation for more information on voice control.

The Headset light indicator flashes more quickly during an ongoing call.

In connection with making and receiving calls you press the Headset button to:

- make a call (by using voice control)
- answer a call
- end a call
- transfer the sound from the phone to the Headset

The following instructions cover the use of the Headset with an Ericsson phone with built-in *Bluetooth* capability, or a *Bluetooth* phone adapter from Ericsson and an Ericsson phone.

Making Calls

To make a call using voice dialling

1. Make sure the phone and the Headset are on and within range of each other. Press the Headset button once.
2. After the beep, voice dial as you normally would.

Note: *If using the Bluetooth phone adapter: Say the voice label after the phone beep (not after the Headset beep). To know when the phone beeps in relation to the Headset beep, make a test call using voice dialling.*

3. End the call by pressing the Headset button or the **NO** key on the phone.

You can also make a call using the phone's keypad or phone book (if, for example, your phone does not support voice dialling).

To make a call using the phone keys

1. Make sure the phone and the Headset are on and within range of each other.
2. Enter the number as you normally would.
3. With an Ericsson phone with built-in *Bluetooth* capability: When the call has been set up, transfer the sound to the Headset by pressing the Headset button.
With a *Bluetooth* phone adapter from Ericsson: When the call has been set up, the sound is automatically transferred to the Headset.
4. End the call by pressing the Headset button or the **NO** key on the phone.

Answering Calls

To answer a call using the Headset button

1. When the Headset rings, press the Headset button once.

Note: *If the phone rings first, wait until the Headset rings, then press the Headset button.*

2. End the call by pressing the Headset button, or the **NO** key on the phone.

To answer a second call

- You have to use the phone keypad to answer and handle a second call, but you can still use the Headset for talking and listening. You cannot use the Headset button during a second call. Refer to the phone's user documentation on how to handle more than one call simultaneously.

Transferring Sound from Phone to Headset

If you make a call without using the Headset, you can transfer the sound to the Headset if the Headset is on, paired with the phone and within range.

To transfer the sound to the Headset

- With an Ericsson phone with built-in *Bluetooth* capability: During an ongoing call, press the Headset button to transfer the sound to the Headset.
- With a *Bluetooth* phone adapter from Ericsson: If you make a call without using the Headset, the message **Sound transferred to headset** is displayed. The sound is then automatically transferred to the Headset.

If the Headset is turned on after a call has been initiated, you can transfer the sound to the Headset by pressing the Headset button.

Transferring Sound from Headset to Phone

Ericsson phone with built-in Bluetooth capability

- During an ongoing call, scroll to **Ongoing Call, YES, Transfer Sound, YES.**

Ericsson phone with a Bluetooth phone adapter

- During an ongoing call **Transfer sound to phone?** appears in the display. Press **YES** to transfer the sound to the phone.

or

- During an ongoing call, scroll to **Extras, YES, Accessories, YES, DBA-10, YES, Transfer sound, YES.**

Lost Connection to Headset

If the connection to the Headset is lost during an ongoing call, **Connection to headset lost** is displayed. You must confirm the sound transfer to the phone by pressing **YES**, otherwise the call is disconnected after 30 seconds.

If the Headset and the phone are within range you can try to transfer the sound to the Headset by pressing the Headset button.

Using the Phone's Extras Menu

If you are using an Ericsson mobile phone that supports *Bluetooth* wireless technology, you will find an additional set of menus under the **Extras** menu, when you have paired the phone with the Headset. The Headset has to be turned on and within range of the Ericsson phone. From these menus, you can control certain features of the Headset. This chapter describes the different menu options.

Note: *For some Ericsson non-GSM phones the Bluetooth menu options might be situated on a menu other than the Extras menu. Please refer to the User's Guide for your phone.*

Right or Left Ear

You can wear the Headset on either ear. It is preset for right-ear use. If you want to change it to left-ear use, you also have to change the orientation of the volume button. See "Right or Left Ear" on page 5 for instructions on how to change the orientation of the ear hook.

To change the volume button orientation

1. Scroll to **Extras, YES, Accessories, YES, HBH, YES, Settings, YES, Orientation, YES.**
2. Select which ear you want to wear the Headset on and press **YES.**

Selecting Which Device to Use

You select which device you want the Headset to communicate with from the paired devices list in the **Paired Devices** menu. You can also delete devices.

You can pair the Headset with up to eight different devices. However, only one device can be selected at a time. If you for example have added the Headset to the list of paired devices in your phone and your PC, you can select which device you want to use together with your Headset in the **Paired Devices** menu without having to enter the passkey for that device. You can consequently use your Ericsson phone to select which device you want the Headset to communicate with.

To select a device

1. Scroll to **Extras, YES, Accessories, YES, HBH, YES, Paired Devices, YES, Select Device, YES.**
2. Scroll to the device you want the Headset to communicate with and press **YES.**

You can add devices to the list of paired devices. When you choose to add a device, *Bluetooth* pairing is enabled in the Headset. If the device is accepted, it is added to the list. The new device becomes the selected device.

To add a device

- You add a device by pairing it with the Headset. See “Pairing the Headset” on page 9.

To delete a device



1. Scroll to **Extras, YES, Accessories, YES, HBH, YES, Paired Devices, YES, Delete Device, YES.**
2. Scroll to the device you want to delete and press **YES.**
The next device in the list becomes the selected device.

Adjusting the Volume

Listening Volume

You can adjust the volume in the Headset earpiece via either the Headset volume buttons or by using the phone.



To change the listening volume using the phone

1. During an ongoing call, scroll to **Extras, YES, Accessories, YES, HBH, YES, Settings, YES, Listening Volume, YES.**
2. Use  to increase the volume, or  to decrease the volume.
3. Press **YES** to save the settings.

Ring Volume

The Headset always starts to ring at low volume. The volume then increases in steps to the volume level you have set in this menu.

To set the ring volume

1. Scroll to **Extras, YES, Accessories, YES, HBH, YES, Settings, YES, Ring Volume, YES.**
2. Use  to increase the volume, or  to decrease the volume.
3. Press **YES** to save the settings.

Headset Battery Status

The Headset comes with a built-in battery. You can check the status of the battery.

To check the battery status

1. Scroll to **Extras, YES, Accessories, YES, HBH, YES, Battery Status, YES.**
2. The battery status is indicated by one of these three levels:
 - **High**
 - **Medium**
 - **Low**

Changing the Passkey

The Headset is delivered with a preset passkey. However, you can change this passkey to any other four-digit number. The passkey is not a PIN to prevent someone from using the Headset, but a key to ensure that two devices can create a unique connection, without interference from other devices.

To change the Headset passkey

1. Scroll to **Extras, YES, Accessories, YES, HBH, YES, Settings, YES, Passkey, YES.**
2. Enter the current passkey and press **YES.**
3. Enter the new passkey and press **YES.**
4. Enter the new passkey a second time and press **YES.**

Changing the Headset Name

The Headset is delivered with a preset name. This name appears in other devices when they search for the Headset. However, you can change this name. For the name change to take effect in a previously paired device, you have to pair the Headset with that device again.

To change the name

1. Scroll to **Extras, YES, Accessories, YES, HBH, YES, Settings, YES, Name, YES.**
2. Edit the name and press **YES.** You delete characters by pressing **C**.

Additional Information

Troubleshooting

This section lists some problems that you might encounter while using your Headset.

No Sound Contact between Headset and Other Device

The Headset and the device you are using with it have to be paired to recognize each other.

They also have to be within range of each other. Make sure the Headset and the device you are using with it are no more than 10 m./30 ft. apart.

The Headset Indicator Light Flashes Red

This indicates that the Headset has only limited speech and standby time left. Put the Headset into the charging cradle and charge it for approximately 1 to 1.5 hours.

No Indication of Charging Is Shown

If you charge a Headset battery that is empty, or has not been used for a long time, it may take several minutes before a light to indicate charging (a steady red light) appears.

I Have Forgotten the Passkey

Reset the Headset. Please note that all paired connections that the Headset has with other devices will be deleted. See "Resetting the Headset" on page 11 for more information.

Some Headset Functions Do Not Work

If you notice that you cannot make use of all the features in the HBH-10 Headset, please check that your Ericsson phone has the right software version. For more information, contact a Certified Service Centre or an Ericsson Service Point, or visit the HBH-10 page on <http://mobileinternet.ericsson.com>.

Ericsson Mobile Internet

When you are on the move and in need of communication and information, the **Mobile Internet** is the answer.

The **Mobile Internet** is a service supplied by Ericsson to make it easier for you to communicate and receive information quickly, wherever you are. It gives you access to various messaging services, on-line customer services, user manuals and other useful information. With the **Mobile Internet** you can also download communications software to ensure you get the best out of your Ericsson products.

The Ericsson **Mobile Internet** address is:

<http://mobileinternet.ericsson.com>.

Guidelines for Safe and Efficient Use

Note: *Read this information before using your Bluetooth Headset.*

Product Care and Maintenance

Your *Bluetooth* Headset is a highly sophisticated electronic device. To get the most out of your Headset read this text about product care, safe and efficient use.

For any exceptions, due to national requirements or limitations, when using *Bluetooth* equipment, please visit www.bluetooth.com.

Product Care

Note: *Only Certified Service Centres or Ericsson Service Points are to remove or replace the battery.*

- ✦ Do not expose your product to liquid or moisture.
- ✦ Do not expose your product to extreme hot or cold temperatures.
- ✦ Do not expose your product to lit candles, cigarettes, cigars, open flames, etc.
- ✦ Do not drop, throw or try to bend the product since rough treatment could damage your product.
- ✦ Do not use any other accessories than Ericsson originals. Failure to do so may result in loss of performance, damage to the product, electric shock or injury, and will void warranty.
- ✦ Do not attempt to disassemble your product. Doing so will void warranty. The product does not contain consumer serviceable or replaceable components. Service should only be performed by Certified Service Centres or Ericsson Service Points.
- ✦ Do not paint your product as the paint could prevent normal use.

- ✦ Do not keep the product in an area prone to dust and dirt. Only use a soft damp cloth to clean your product.
- ✦ Do not allow children to play with your product. Children could hurt themselves or others and also damage the unit.
- ✦ Always keep your product in its case when not in use, in order to keep it well protected.
- ✦ If you will not be using the product for a while, store it in a place that is dry, free from damp, dust and extreme heat and cold.

Radio Frequency Exposure

This *Bluetooth* Headset contains a small radio transmitter and receiver. During a call, it communicates with the mobile phone by receiving and transmitting radio frequency (RF) electromagnetic fields (microwaves) in the frequency range 2400 to 2500 MHz. The output power of the radio transmitter is very low, 0.001 watt.

When using the Headset, you will be exposed to some of the transmitted RF energy. This exposure is well below the prescribed limits in all national and international RF safety standards and regulations.

Driving

Check the laws and regulations on the use of phones in the areas where you drive.

- ✦ Give full attention to driving.
- ✦ Pull off the road and park before making or answering a call if driving conditions so require.

RF energy may affect some electronic systems in motor vehicles such as car stereos, safety equipment etc.

Electronic Equipment

Most modern electronic equipment, for example, equipment in hospitals and cars, is shielded from RF energy. However, certain electronic equipment is not. Therefore:

- ✦ Do not use any electronic device near medical equipment without requesting permission.

Aircraft

- ✦ Turn off your electronic device before boarding any aircraft.
- ✦ Do not use it in an aircraft without crew permission.

To prevent interference with communications systems, you must not use your electronic device while the plane is in the air.

Blasting Areas

Turn off your electronic device when in a blasting area or in areas posted “turn off two-way radio” to avoid interfering with blasting operations. Construction crews often use remote control RF devices to set off explosives.

Potentially Explosive Atmospheres

Turn off your electronic device when in any area with a potentially explosive atmosphere. It is rare, but your electronic device could generate sparks. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fuelling areas, such as petrol stations, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

Do not transport or store flammable gas, liquid, or explosives in the compartment of your vehicle containing an electronic device.

Power Supply

- ✦ Connect the power supply only to designated power sources as marked on the product.
- ✦ To reduce risk of damage to the electric cord, remove it from the outlet by holding onto the AC adapter rather than the cord.
- ✦ Make sure the cord is positioned so that it will not be stepped on, tripped over or otherwise subjected to damage or stress.
- ✦ To reduce risk of electric shock, unplug the unit from any power source before attempting to clean it.
- ✦ The charger must not be used outdoors or in damp areas.

Children

Do not allow children to play with your Headset since it contains small parts that could become detached and create a choking hazard.

Emergency Calls

IMPORTANT!

This Headset and the electronic device connected to the Headset operate using radio signals, cellular and landline networks as well as user-programmed functions, which cannot guarantee connection under all conditions. Therefore you should never rely solely upon any electronic device for essential communication (e.g. medical emergencies).

Remember that in order to make or receive calls, the Headset and the electronic device connected to it must be switched on and in a service area with adequate cellular signal strength. Emergency calls may not be possible on all cellular phone networks or when certain network services and/or phone features are in use. Check with your local service provider.

Battery Information

New Batteries

The battery delivered with your Headset is not fully charged. We recommend that you fully charge it before you use it for the first time.

Battery Use and Care

Note: *Only Certified Service Centres or Ericsson Service Points are able to remove or replace the battery in a proper way.*

A rechargeable battery has a long service life if treated properly. A new battery, or one that has not been used for a long period of time, could have reduced capacity the first few times it is used.

- ✦ Use only Ericsson original accessories. Using non-original Ericsson accessories could be dangerous and the warranty does not cover product failures which have been caused by use of non-Ericsson original accessories.
- ✦ Do not expose your battery to extreme temperatures and never above +55°C (+131°F). For maximum battery capacity, use your battery in room temperature. If the battery is used in cold temperatures, the battery capacity is reduced.
- ✦ The battery can only be charged when the temperature is between +10°C (+50°F) and +45°C (+113°F).

Recycling the Battery in Your Headset

The battery in your Headset contains toxic parts. It must be disposed of properly and should never be placed in municipal waste. The Certified Service Centre removing or replacing the battery will dispose of it according to local regulations.

Limited Warranty

Thank you for purchasing this Ericsson Product. To get the most out of your new product, we recommend that you follow a few simple steps:

- ✦ Read the Guidelines for safe and efficient use.
- ✦ Read all the terms and conditions of your Ericsson Warranty.
- ✦ Save your original receipt. You will need it for warranty repair claims. Should your Ericsson Product need warranty service, you should return it to the dealer from whom it was purchased or contact your local Ericsson Call-Centre to get further information.

Our Warranty

Ericsson warrants this Product to be free from defects in material and workmanship at the time of its original purchase by a consumer, and for a subsequent period of one (1) year.

All accessories for the Product are covered by a warranty for a period of one (1) year from the date of its original purchase by a consumer.

What We Will Do

If, during the warranty period, this Product fails to operate under normal use and service, due to improper materials or workmanship, Ericsson subsidiaries, authorized distributors or Certified Service Centres or Ericsson Service Points will, at their option, either repair or replace the Product in accordance with the terms and conditions stipulated herein.

Conditions

1. The warranty is valid only if the original receipt issued to the original purchaser by the dealer, specifying the date of purchase and serial number, is presented with the Product to be repaired or replaced. Ericsson reserves the right to refuse warranty service if this information has been removed or changed after the original purchase of the Product from the dealer.
2. If Ericsson repairs or replaces the Product, the repaired or replaced Product shall be warranted for the remaining time of the original warranty period or for ninety (90) days from the date of repair, whichever is longer. Repair or replacement may be via functionally equivalent reconditioned units. Replaced faulty parts or components will become the property of Ericsson.
3. This warranty does not cover any failure of the Product due to normal wear and tear, misuse, including but not limited to use in other than the normal and customary manner, in accordance with Ericsson's instructions for use and maintenance of the Product, accident, modification or adjustment, acts of God, improper ventilation and damages resulting from liquid.
4. This warranty does not cover Product failures due to repair installations, modifications or improper service performed by a non-Ericsson Certified Service Centre or the opening of the Product by non-Ericsson certified persons.
5. The warranty does not cover Product failures which have been caused by use of non-Ericsson original accessories.
6. Tampering with any of the seals on the Product will void the warranty.

7. THERE ARE NO OTHER EXPRESS WARRANTIES, WHETHER WRITTEN OR ORAL, OTHER THAN THIS PRINTED LIMITED WARRANTY. ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL ERICSSON BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOST PROFITS OR COMMERCIAL LOSS TO THE FULL EXTENT THOSE DAMAGES CAN BE DISCLAIMED BY LAW.

International Services

If your Ericsson Product needs service in another country than the one you bought it in you can have your Ericsson Product serviced within the warranty period in any country where this **identical** Product is sold by an authorised Ericsson distributor. To find out if your Product is sold in the country you are in please call the local Call-Centre. In order to be granted service you have to present your original receipt. Please observe that certain services may not be possible to have made elsewhere than in the country of original purchase for example due to the fact that your Ericsson Product may have an interior or exterior which is different from equivalent models sold in other countries. There may also be limited possibilities to repair SIM-locked Products.

Some countries do not allow the exclusion or limitation of incidental or consequential damage, or limitation of the duration of implied warranties, so the preceding limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from country to country.

Bluetooth Capability Statement

This product is manufactured to meet the Bluetooth Specification 1.0.

The following *Bluetooth* functions are supported:

- * Headset Profile

Important Information

Caution! Changes or modifications not expressly approved by Ericsson will void the user's authority to operate the equipment.

Declaration of Conformity

We, Ericsson Mobile Communications AB of
Torshamnsgatan 27
S-164 80 Stockholm, Sweden

declare under our sole responsibility that our product

**Ericsson type 8404003-BV, and
Ericsson type 8505001**

to which this declaration relates is in conformity with the appropriate standards ETS 300 328, ETS 300 342-1, ETS 300 826 and EN 60950 following the provisions of Radio Equipment and Telecommunication Equipment directive 1995/5/EC with requirements covering EMC directive 89/336/EEC and Low voltage directive 73/23/EEC.

Stockholm, June 2000

Place and date of issue


Anders Torstensson, President BU GSM

CE0682 



FCC Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Not for Commercial Use
Ericsson Mobile Communications

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Orientation
 volume button *6, 15*
Overview *3*

P
Pairing the headset *9*
Passkey *11, 17*
PIN *11, 17*
Product care *4, 19*
Putting on the headset *5*

Resetting the headset *11*
Ring volume *12, 16*

Selecting device *15*
Speaker *3*
 volume *12*

Transferring sound *12, 14*
Troubleshooting *18*
Turning on/off
 headset *3*

Voice dialling *13*
Volume
 adjusting *11*
 listening *12, 16*
 ring *12, 16*
Volume button
 changing orientation *6, 15*

Warranty *22*
Wearing
 headset *5*
 on left ear *5, 15*

Electronic Acknowledgement Receipt

EFS ID:	22142462
Application Number:	13775754
International Application Number:	
Confirmation Number:	1030
Title of Invention:	Wireless Digital Audio Music System
First Named Inventor/Applicant Name:	C. Earl Woolfork
Customer Number:	68533
Filer:	Megan Elizabeth Lyman
Filer Authorized By:	
Attorney Docket Number:	1028.7
Receipt Date:	22-APR-2015
Filing Date:	25-FEB-2013
Time Stamp:	21:00:49
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Notice of concurrent proceedings / decisions	SecondSubmissionSmallerest.pdf	12803591 <small>23b071bdf76128e716e4fa586d6bb9110122cc01</small>	no	57

Warnings:

Information:

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

1. (Currently Amended) A method for coded wireless digital music audio transmission and reception between a mobile digital music audio transmitter and mobile digital music audio receiver comprising the steps of:

operatively coupling a digital audio spread spectrum transmitter to a music portable audio source and configuring using said digital audio transmitter to transmit a unique user code and an original music audio signal representation in the form of packets, wherein said digital audio transmitter coupled to said music audio source, and configured to be directly communicable with [[a]] the mobile digital audio spread spectrum receiver, is capable of being moved in any direction during operation, said wireless digital music audio transmitter comprising:

encoding operative to encode said original music audio signal representation to reduce intersymbol interference to aid in lowering signal detection error of said music audio representation signal respective to said mobile digital audio receiver and said mobile digital audio transmitter coupled to said music audio source;

a digital modulator module configured for independent code division multiple access (CDMA) communication operation, wherein each user has their own separate transmitter configured to communicate with their receiver, said music audio having been wirelessly transmitted and reproduced virtually free from interference from transmission and reception other device transmitted signals, operating in the wireless digital audio transmitter shared spectrum, that prevents private listening.

2. (Currently Amended) A method for coded wireless digital music audio transmission and reception between a mobile digital music audio transmitter and mobile digital music audio receiver comprising the steps of:

operatively coupling a digital audio spread spectrum transmitter to a portable music audio source and configuring using said digital audio transmitter to transmit a unique user code and an original music audio signal representation in the form of packets, wherein said digital audio transmitter coupled to said music audio source, and configured to be directly communicable with [[a]] the mobile digital audio spread spectrum receiver, is capable of being moved in any direction during operation, said unique user code used

configured to spread the spectrum of said audio signal and further configured for independent communication operation wherein each user has their own separate transmitter coupled to communicate with their receiver, said wireless digital music audio transmitter comprising:

encoding operative to encode said original music audio signal representation to reduce intersymbol interference ~~to aid in~~ lowering signal detection error of said music audio representation signal respective to said mobile digital audio receiver and said mobile digital audio transmitter coupled to said music audio source, said music audio having been wirelessly transmitted and reproduced virtually free from interference from transmission and reception other device transmitted signals, operating in the wireless digital audio transmitter shared spectrum, that prevents private listening.

RESPONSE TO THE OFFICE ACTION DATED 02/25/2015

AMENDMENTS TO CLAIMS 1 & 2

The current amendments do not broaden the scope of the claims. The amendments further clarify the use of CDMA and that the system may include users that each have their own portable mobile transmitter and receiver. In addition, eliminating interference that would prevent private listening adds clarification. Please refer to Examiner's Answer (page 28) mailed March 13, 2008:

" Appellant's invention is disclosed as providing private listening to multiple individuals sharing the same space." The current amendments do not broaden the scope of the claims, address the concerns of the present Office Action, and contain no new matter. It is respectfully requested that they be entered at this time.

Rejection of Claims 1&2 under 35 USC § 103

The legal standards for obviousness are well known, and well documented, in this case. Those standards, as previously outlined and discussed in the prosecution history, are incorporated by reference so as to streamline the remarks presented at this time.

It is well known that DPSK is a differential encoding scheme¹. The invention utilizes differential encoding² for, among other things, noise immunity³ (e.g., inter-symbol interference noise reduction) as claimed (" ... capture packets and a correct bit

¹ Ref: Exhibit I, Introduction to Spread Spectrum Communications, "In the case of DPSK, it is only necessary that the phase be the same from one signaling interval to the next to allow the comparison of signals in adjacent bit intervals."

² Ref: Specification Column 2, Lines 52-53 "For further noise immunity, a spread spectrum DPSK (differential phase shift key) transmitter or module is utilized.

³ Ref: Exhibit II, Wireless Communications Systems, "...differentially encoded MPSK ... is used to eliminate phase ambiguity in the carrier recovery process."

sequence within the packets aided by lowering signal detection error through reduced intersymbol interference coding ...”).

The use of differential encoding in a mobile spread spectrum transmitter that communicates audio (e.g., music) directly (i.e., point-to-point) to a mobile spread spectrum receiver –for, in one embodiment, “lowering signal detection error through reduced intersymbol interference coding (i.e., differential encoding/decoding) of said original audio signal representation” – while utilizing CDMA in a particular distributed network architecture (i.e., mobile transmitter-to-mobile receiver) and suppressing interference from other device transmitted signals in the network (all of which is claimed), is not disclosed in the combination (even with the addition of Schotz, who does not “stream digital music using packets” from a mobile transmitter to a mobile receiver) and is not obvious.

Reed-Solomon, as referenced by Lindemann and Roberts, is directed toward detecting and correcting the errors within a received signal. The Reed-Solomon reference in Lindemann and Roberts is not directed toward differential encoding/decoding (DPSK). Reed-Solomon is a Block Code, where extra bits are added to the data for detecting and correcting errors within the received signal⁴. Whereas differential encoding/decoding (in the present invention) applies a known phase relationship to the audio representation data at the encoder, then during decoding, a received piece of audio representation data is used as a reference for the following piece of audio representation data⁵ to aid in suppressing intersymbol interference (ISI).

⁴ Ref: Exhibit III Wireless Communications, pg. 340 “In block codes, parity bits are added to blocks or message bits to make code blocks” and pg. 345 “BCH cyclic codes are among the most important block codes ... common class of nonbinary BCH codes is the family of codes known as Reed-Solomon codes.”

⁵ Ref: Exhibit I, Introduction to Spread Spectrum Communications, “In the case of DPSK, it is only necessary that the phase be the same from one signaling interval to the next to allow the comparison of signals in adjacent bit intervals.”

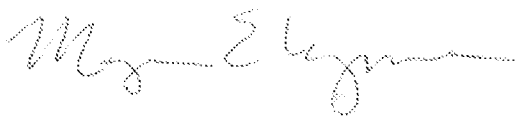
As to the use of Reed-Solomon as referenced by the prior art of Lindemann and Roberts. It is important to note that Reed-Solomon, as taught in the prior art, is directed towards detecting and correcting the errors within a received signal. In the present invention the transmitter encodes and the receiver decodes the differential coding to correct for interference created by phase issues presented by the potentially mobile environment of the present invention. This phase issue has also been presented previously in the prosecution history of this application. Lindemann and Roberts to not disclose or suggest Reed-Solomon for the remediation of intersymbol interference as taught by the present invention. The rejection should be removed.

The remarks presented herein demonstrate the novelty of the present invention separate from the teachings of the prior art. The applicant does not acquiesce to any rejections that have not been specifically addressed in this Response. Previous remarks regarding the novelty of the present invention are incorporated by reference. Applicant respectfully requests that the rejections be removed at this time, and the application be placed into allowance.

If there are any questions, concerns, or actions that can be taken to expedite the processing of this application, please do not hesitate to contact the Applicant's representative.

May 14, 2015

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Megan E. Lyman". The signature is written in a cursive style with a horizontal line extending to the right.

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Raleigh, NC 27613
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(919) 341-0271 (fax)

Electronic Acknowledgement Receipt

EFS ID:	22350877
Application Number:	13775754
International Application Number:	
Confirmation Number:	1030
Title of Invention:	Wireless Digital Audio Music System
First Named Inventor/Applicant Name:	C. Earl Woolfork
Customer Number:	68533
Filer:	Megan Elizabeth Lyman
Filer Authorized By:	
Attorney Docket Number:	1028.7
Receipt Date:	14-MAY-2015
Filing Date:	25-FEB-2013
Time Stamp:	16:23:43
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Claims	AmendedClaims.pdf	49938 <small>8cd4d367c4e1362cc3a77779b4b7701af242eb39</small>	no	2

Warnings:

Information:

2	Applicant Arguments/Remarks Made in an Amendment	Response.pdf	90144 4d2e80b7fff1bb9165407c857aeeaf8e8efacdc6	no	4
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Warnings:

Information:

Total Files Size (in bytes):	140082
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 13/775,754	Filing Date 02/25/2013	<input type="checkbox"/> To be Mailed
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ENTITY: LARGE SMALL MICRO

APPLICATION AS FILED – PART I

FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	N/A	N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>	minus 20 =	*	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
AMENDMENT	05/14/2015	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			
	Total <small>(37 CFR 1.16(i))</small>	* 2	Minus	** 20	= 0	X \$40 = 0
	Independent <small>(37 CFR 1.16(h))</small>	* 2	Minus	***3	= 0	X \$210 = 0
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>					
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						
					TOTAL ADD'L FEE	0

	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			
	Total <small>(37 CFR 1.16(i))</small>	*	Minus	**	=	X \$ =
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus	***	=	X \$ =
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>					
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						
					TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/DENISE HOPKINS/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

1. (Currently Amended) ~~A method for coded wireless digital music audio transmission and reception between a mobile digital music audio transmitter and mobile digital music audio receiver comprising the steps of:~~

~~operatively coupling a digital audio spread spectrum transmitter to a music portable audio source and configuring using said digital audio transmitter to transmit a unique user code and an original music audio signal representation in the form of packets, wherein said digital audio transmitter coupled to said music audio source, and configured to be directly communicable with ~~[[a]] the mobile digital audio spread spectrum receiver, is capable of being moved in any direction during operation, said wireless digital music audio transmitter comprising:~~~~

~~encoding operative to encode said original music audio signal representation to reduce intersymbol interference to aid in lowering signal detection error of said music audio representation signal respective to said mobile digital audio receiver and said mobile digital audio transmitter coupled to said music audio source;~~

~~a digital modulator module configured for independent code division multiple access (CDMA) communication operation, wherein each user has their own separate transmitter configured to communicate with their receiver, said music audio having been wirelessly transmitted and reproduced virtually free from interference from transmission and reception other device transmitted signals, operating in the wireless digital audio transmitter shared spectrum, that prevents private listening;~~

A portable wireless digital audio system for digital transmission of an original audio signal representation from a portable audio source to a digital audio headphone, said audio signal representation representative of audio from said portable audio source, said portable wireless digital audio system comprising:

a portable digital audio spread spectrum transmitter configured to couple to said portable audio source and transmitting a unique user code bit sequence with said original audio signal representation in packet format, said digital audio spread spectrum transmitter comprising:

an encoder operative to encode said original audio signal representation to reduce intersymbol interference and lowering signal detection error of said audio signal

representation respective to said digital audio headphone and said digital audio spread spectrum transmitter; and

a digital modulator configured for independent code division multiple access (CDMA) communication operation wherein said portable digital audio spread spectrum transmitter is in direct communication with said digital audio headphone, said digital audio headphone comprising:

a direct conversion module configured to capture packets and the correct bit sequence embedded in the received spread spectrum signal and lowering signal detection error through reduced intersymbol interference coding respective of said digital audio headphone and said portable digital audio spread spectrum transmitter, the captured packets corresponding to the unique user code bit sequence;

a digital demodulator configured for independent CDMA communication operation;
a decoder operative to decode the applied reduced intersymbol interference coding of said original audio signal representation;

a digital-to-analog converter (DAC) generating an audio output of said original audio signal representation; and

a module adapted to reproduce said audio output, wherein each user has their headphone configured to communicate with their own separate digital audio spread spectrum transmitter, said audio having been wirelessly transmitted from said portable audio source through the digital audio spread spectrum transmitter configured to communicate with the headphone such that signals not originating from said portable digital audio spread spectrum transmitter are inaudible while operating in the portable wireless digital audio spread spectrum transmitter spectrum.

2. ~~(Currently Amended) A method for coded wireless digital music audio transmission and reception between a mobile digital music audio transmitter and mobile digital music audio receiver comprising the steps of:~~

~~-operatively coupling a digital audio spread spectrum transmitter to a portable music audio source and configuring using said digital audio transmitter to transmit a unique user code and an original music audio signal representation in the form of packets, wherein said digital audio transmitter coupled to said music audio source, and configured~~

~~to be directly communicable with [[a]] the mobile digital audio spread spectrum receiver, is capable of being moved in any direction during operation, said unique user code used configured to spread the spectrum of said audio signal and further configured for independent communication operation wherein each user has their own separate transmitter coupled to communicate with their receiver, said wireless digital music audio transmitter comprising:~~

~~encoding operative to encode said original music audio signal representation to reduce intersymbol interference to aid in lowering signal detection error of said music audio representation signal respective to said mobile digital audio receiver and said mobile digital audio transmitter coupled to said music audio source, said music audio having been wirelessly transmitted and reproduced virtually free from interference from transmission and reception other device transmitted signals operating in the wireless digital audio transmitter shared spectrum, that prevents private listening.~~

A wireless digital audio headphone comprising:

a portable digital audio headphone spread spectrum receiver configured to receive a unique user code bit sequence and an audio signal representation in the form of packets, said audio signal representation representative of audio from a portable audio player coupled to a mobile digital audio spread spectrum transmitter, said digital audio headphone spread spectrum receiver capable of mobile operation and in direct communication with the mobile digital audio spread spectrum transmitter;

a direct conversion module configured to capture packets and the correct bit sequence within the packets and lowering signal detection error through reduced intersymbol interference coding of said audio signal representation respective to said headphone spread spectrum receiver and said mobile digital audio spread spectrum transmitter, said packets embedded in the received spread spectrum signal, the captured packets corresponding to the unique user code;

a digital demodulator configured for independent CDMA communication operation;

a decoder operative to decode reduced intersymbol interference coding of said audio signal representation;

a digital-to-analog converter (DAC) generating an audio output of said audio signal representation; and

a module adapted to reproduce said audio output in response to the unique user code bit sequence being recognized, wherein each user has their spread spectrum headphone receiver configured to communicate with their own separate spread spectrum transmitter, said audio having been wirelessly transmitted and reproduced such that signals not originating from the mobile digital audio spread spectrum transmitter, configured to communicate with the headphone receiver, are inaudible while operating in the mobile wireless digital audio spread spectrum transmitter spectrum.

3. (New) The portable wireless digital audio system of Claim 1, wherein said portable digital audio spread spectrum transmitter comprising a differential phase shift keying (DPSK) implementation and a digital modulator implementation for spread spectrum transmission.

4. (New) The portable wireless digital audio system of Claim 1, wherein said digital audio headphone comprising a differential phase shift keying (DPSK) implementation and a digital demodulator implementation for spread spectrum reception.

5. (New) The wireless digital audio headphone of Claim 2, wherein said portable digital audio headphone spread spectrum receiver comprising a differential phase shift keying (DPSK) implementation and a digital demodulator implementation for spread spectrum reception.

6. (New) A portable wireless digital audio system for digital transmission of an audio signal representation from a portable audio player to a portable digital audio headphone spread spectrum receiver, said audio signal representation representative of audio from said portable audio player, said portable wireless digital audio system comprising:

a digital audio spread spectrum transmitter operatively coupled to said portable audio player and transmitting a unique user code bit sequence with said audio signal representation in packet format, wherein said digital audio spread spectrum transmitter operatively coupled to said audio player is capable of mobile operation, said digital audio spread spectrum transmitter comprising:

an encoder operative to encode said audio signal representation to reduce intersymbol interference and lowering signal detection error of said audio signal representation respective to headphone spread spectrum receiver and mobile digital audio spread spectrum transmitter; and

a digital modulator configured for independent CDMA communication operation wherein the digital audio spread spectrum transmitter is directly communicable with said portable digital audio headphone spread spectrum receiver, said portable digital audio headphone spread spectrum receiver comprising;

a direct conversion module configured to capture packets and the correct bit sequence within the packets and lowering signal detection error through reduced intersymbol interference coding of said audio representation signal respective to said headphone and mobile said digital audio spread spectrum transmitter operatively coupled to said audio player, said packets embedded in the received spread spectrum signal, the captured packets corresponding to the unique user code;

a digital demodulator configured for independent CDMA communication operation;

a decoder operative to decode the applied reduced intersymbol interference coding of said audio signal representation;

a digital-to-analog converter (DAC) generating an audio output of said audio signal representation; and

a module adapted to reproduce said generated audio output, wherein each user has their headphone configured to communicate with their own separate spread spectrum transmitter, said audio having been wirelessly transmitted from said portable audio player and reproduced such that signals not originating from the mobile digital audio spread spectrum transmitter, configured to communicate with the headphone, are inaudible while operating in the mobile wireless digital audio spread spectrum transmitter spectrum.

7. (New) The portable wireless digital audio system of Claim 6, wherein said digital audio spread spectrum transmitter comprising a differential phase shift keying (DPSK) implementation and a digital modulator implementation for spread spectrum transmission.

8. (New) The portable wireless digital audio system of Claim 6, wherein said portable digital audio headphone spread spectrum receiver comprising a differential phase shift keying (DPSK) implementation and a digital demodulator implementation for spread spectrum reception.

9. (New) A portable wireless digital audio system for digital transmission of an audio signal representation from a portable audio player to a portable digital audio spread spectrum receiver, said audio signal representation representative of audio from said portable audio player, said portable wireless digital audio system comprising;

a digital audio spread spectrum transmitter operatively coupled to said portable audio player and transmitting a unique user code with said audio signal representation in packet format, wherein said digital audio spread spectrum transmitter operatively coupled to said audio player is capable of mobile operation, said digital audio spread spectrum transmitter comprising;

an encoder operative to encode said audio signal representation to reduce intersymbol interference and lowering signal detection error of said audio signal representation respective to mobile spread spectrum receiver and mobile digital audio spread spectrum transmitter;

a digital modulator configured for independent CDMA communication operation and a differential phase shift keying (DPSK) modulator to modulate said audio signal representation wherein the digital audio spread spectrum receiver is capable of mobile operation and in direct communication with said mobile digital audio spread spectrum transmitter, said mobile digital audio spread spectrum receiver comprising;

a direct conversion module configured to capture packets and the correct bit sequence within the packets and lowering signal detection error through reduced intersymbol interference coding of said audio representation signal respective to

said mobile digital audio spread spectrum receiver and said mobile digital audio transmitter operatively coupled to said audio player, said packets embedded in the received spread spectrum signal, the captured packets corresponding to the unique user code;

a digital demodulator configured for independent CDMA communication operation;

a decoder operative to decode the applied reduced intersymbol interference coding of said audio signal representation;

a digital-to-analog converter (DAC) generating an audio output of said audio signal representation;

and a module adapted to reproduce said generated audio output, wherein each user has their spread spectrum receiver configured to communicate with their own separate spread spectrum transmitter, said audio having been wirelessly transmitted from said portable audio player and reproduced such that signals not originating from the mobile digital audio spread spectrum transmitter, configured to communicate with the spread spectrum receiver, are inaudible while operating in the mobile wireless digital audio spread spectrum transmitter spectrum.

10. (New) The portable wireless digital audio system of Claim 9, wherein the digital modulator implementation is communicable with a differential phase shift keying (DPSK) implementation and wherein said DPSK modulates said audio signal representation.

11. (New) The portable wireless digital audio system of Claim 9, wherein the digital demodulator implementation is communicable with a differential phase shift keying (DPSK) implementation and wherein said DPSK demodulates said audio signal representation.

12. (New) The portable wireless digital audio system of Claim 9, wherein said digital audio spread spectrum transmitter comprising a differential phase shift keying (DPSK) implementation and a digital modulator implementation for spread spectrum transmission.

13. (New) The portable wireless digital audio system of Claim 9, wherein said portable digital audio spread spectrum receiver comprising a differential phase shift keying (DPSK) implementation and a digital demodulator implementation for spread spectrum reception.

14. (New) A wireless digital audio spread spectrum receiver, capable of mobile operation, configured to receive a unique user code and a audio signal representation from a mobile digital audio spread spectrum transmitter in the form of packets, said audio signal representation representative of audio from a portable audio source, said digital audio spread spectrum receiver directly communicable with said mobile digital audio transmitter, said digital audio spread spectrum receiver comprising;

a direct conversion module configured to capture packets and the correct bit sequence within the packets and lowering signal detection error through reduced intersymbol interference coding of said audio representation signal respective to mobile said digital audio spread spectrum receiver and said mobile digital audio spread spectrum transmitter, said packets embedded in a received spread spectrum signal, the captured packets corresponding to the unique user code;

a digital demodulator configured for independent code division multiple access communication operation;

a decoder operative to decode reduced intersymbol interference coding of said audio signal representation;

a digital-to-analog converter (DAC) generating an audio output of said original audio signal representation; and

a module adapted to reproduce said generated audio output, wherein each user has their spread spectrum receiver configured to communicate with their own separate spread spectrum transmitter, said audio having been wirelessly transmitted from said portable audio source such that signals not originating from said mobile digital audio spread spectrum transmitter, configured to communicate with the spread spectrum receiver, are inaudible while operating in the mobile wireless digital audio spread spectrum transmitter spectrum.

15. (New) The wireless digital audio spread spectrum receiver of Claim 14, wherein the wireless digital audio spread spectrum receiver comprising a differential phase shift keying (DPSK) implementation and a digital demodulator implementation for spread spectrum reception.

16. (New) A wireless digital audio spread spectrum headphone, configured to receive a unique user code and an audio signal representation from a mobile digital audio spread spectrum transmitter in the form of packets, said audio signal representation representative of audio from a portable audio source, said digital audio spread spectrum headphone directly communicable with said mobile digital audio spread spectrum transmitter, said digital audio spread spectrum headphone comprising;

a direct conversion module configured to capture packets and the correct bit sequence within the packets and lowering signal detection error through reduced intersymbol interference coding of said audio representation signal respective to said spread spectrum headphone and said mobile digital audio spread spectrum transmitter, said packets embedded in a received spread spectrum signal, the captured packets corresponding to the unique user code;

a digital demodulator configured for independent code division multiple access communication operation;

a decoder operative to decode reduced intersymbol interference coding of said audio signal representation;

a digital-to-analog converter (DAC) generating an audio output of said audio signal representation; and

a module adapted to reproduce said generated audio output, wherein each user has their spread spectrum headphone configured to communicate with their own separate spread spectrum transmitter, said audio having been wirelessly transmitted from a portable audio source such that signals not originating from said mobile digital audio spread spectrum transmitter, configured to communicate with the spread spectrum headphone, are inaudible while operating in the mobile wireless digital audio spread spectrum transmitter spectrum.

17. (New) The wireless digital audio spread spectrum headphone of Claim 16, wherein the wireless digital audio spread spectrum headphone comprising a differential phase shift keying (DPSK) implementation and a digital demodulator implementation for spread spectrum reception.

SECONDARY RESPONSE TO THE OFFICE ACTION DATED 02/25/2015

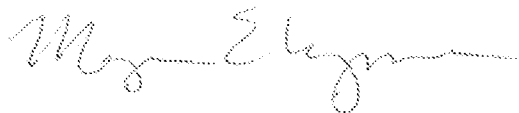
AMENDMENTS TO CLAIMS 1 & 2 AND ADDITIONAL CLAIMS

Amendments have been made to all of the claims, as well as additional claims 3-17 are submitted. Claims 1 & 2 have been amended to further clearly describe the wireless digital audio system and digital audio headphone without citation to a method. Moreover, these claims further define the fidelity between transmitter and receiver as not receiving any audible signals from other transmitting devices within the spectrum. Also note that the modulator, as described in the abstract of the specification, is generic in nature, this characteristic being more defined in new dependent claims 3-5. The new claims distinctly point out and define the wireless audio system of the present invention. No amendments or claims present new matter, and it is respectfully requested that they be entered for review at this time.

If there are any questions, concerns, or actions that can be taken to expedite the processing of this application, please do not hesitate to contact the Applicant's representative.

October 14, 2015

Respectfully Submitted,



Megan E. Lyman, Registration No. 57,054
1816 Silver Mist Ct.
Raleigh, NC 27613
melyman@lymanpatents.com
(919) 341-4023 (phone)
(919) 341-0271 (fax)

Electronic Patent Application Fee Transmittal

Application Number:	13775754
Filing Date:	25-Feb-2013
Title of Invention:	Wireless Digital Audio Music System
First Named Inventor/Applicant Name:	C. Earl Woolfork
Filer:	Megan Elizabeth Lyman
Attorney Docket Number:	1028.7

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Independent Claims in Excess of 3	2201	3	210	630

Miscellaneous-Filing:

Petition:

Patent-Appeals-and-Interference:

Post-Allowance-and-Post-Issuance:

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				630

Electronic Acknowledgement Receipt

EFS ID:	23786965
Application Number:	13775754
International Application Number:	
Confirmation Number:	1030
Title of Invention:	Wireless Digital Audio Music System
First Named Inventor/Applicant Name:	C. Earl Woolfork
Customer Number:	68533
Filer:	Megan Elizabeth Lyman
Filer Authorized By:	
Attorney Docket Number:	1028.7
Receipt Date:	14-OCT-2015
Filing Date:	25-FEB-2013
Time Stamp:	18:35:21
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$630
RAM confirmation Number	5176
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Claims	ClaimsforSecondAmendment2.pdf	97268 bf8fa96ec6ecf147541188226b336696222dc6dd	no	10

Warnings:

Information:

2	Applicant Arguments/Remarks Made in an Amendment	ResponseforSecondaryAmendment.pdf	76119 1e763a1f9d9210474566994db2a53ac5547e6992	no	1
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Warnings:

Information:

3	Fee Worksheet (SB06)	fee-info.pdf	30184 4cef0d27b31a2fdbcb1eef1a7101412d2df5525	no	2
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Warnings:

Information:

Total Files Size (in bytes):			203571		
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Doc Code: DIST.E.FILE Document Description: Electronic Terminal Disclaimer - Filed	PTO/SB/25 PTO/SB/26 U.S. Patent and Trademark Office Department of Commerce
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Electronic Petition Request	TERMINAL DISCLAIMER TO OBVIATE A PROVISIONAL DOUBLE PATENTING REJECTION OVER A PENDING "REFERENCE" APPLICATION AND TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT
Application Number	13775754
Filing Date	25-Feb-2013
First Named Inventor	C. Woolfork
Attorney Docket Number	1028.7
Title of Invention	Wireless Digital Audio Music System

Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action

This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.

Owner	Percent Interest
C. Earl Woolfork	100 %

The owner(s) of percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of any patent granted on pending reference Application Number(s)

12570343 filed on 09/30/2009
12940747 filed on 11/05/2010
13356949 filed on 01/24/2012

as the term of any patent granted on said reference application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending reference application. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted on the reference application are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term of any patent granted on said reference application, "as the term of any patent granted on said reference application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending reference application," in the event that any such patent granted on the pending reference application: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as shortened by any terminal disclaimer filed prior to its grant.

The owner(s) with percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent number(s)

7412294

7684885

7865258

8131391

9107000

as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:

- expires for failure to pay a maintenance fee;
- is held unenforceable;
- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
- is reissued; or
- is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

Terminal disclaimer fee under 37 CFR 1.20(d) is included with Electronic Terminal Disclaimer request.

I certify, in accordance with 37 CFR 1.4(d)(4), that the terminal disclaimer fee under 37 CFR 1.20(d) required for this terminal disclaimer has already been paid in the above-identified application.

Applicants claims the following fee status:

Small Entity

Micro Entity

Regular Undiscounted

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES

I certify, in accordance with 37 CFR 1.4(d)(4) that I am:

- An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application
Registration Number 57054
- A sole inventor
- A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors as evidenced by the power of attorney in the application
- A joint inventor; all of whom are signing this request

Signature	/Megan Lyman/
Name	Megan Lyman

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

Electronic Patent Application Fee Transmittal

Application Number:	13775754			
Filing Date:	25-Feb-2013			
Title of Invention:	Wireless Digital Audio Music System			
First Named Inventor/Applicant Name:	C. Earl Woolfork			
Filer:	Megan Elizabeth Lyman			
Attorney Docket Number:	1028.7			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Statutory or Terminal Disclaimer	1814	1	160	160
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				160

Doc Code: DISQ.E.FILE

Document Description: Electronic Terminal Disclaimer – Approved

Application No.: 13775754

Filing Date: 25-Feb-2013

Applicant/Patent under Reexamination: Woolfork et al.

Electronic Terminal Disclaimer filed on November 30, 2015

APPROVED

This patent is subject to a terminal disclaimer

DISAPPROVED

Approved/Disapproved by: Electronic Terminal Disclaimer automatically approved by EFS-Web

U.S. Patent and Trademark Office

Electronic Acknowledgement Receipt

EFS ID:	24205428
Application Number:	13775754
International Application Number:	
Confirmation Number:	1030
Title of Invention:	Wireless Digital Audio Music System
First Named Inventor/Applicant Name:	C. Earl Woolfork
Customer Number:	68533
Filer:	Megan Elizabeth Lyman
Filer Authorized By:	
Attorney Docket Number:	1028.7
Receipt Date:	30-NOV-2015
Filing Date:	25-FEB-2013
Time Stamp:	09:03:22
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$160
RAM confirmation Number	3090
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Electronic Terminal Disclaimer-Filed	eTerminal-Disclaimer.pdf	39211	no	3
			44aa1636202062d8b9cb9fba1770c60bf54ca44d		

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	29998	no	2
			53b1008b816e729cb8b9c36e7c372894f4b1ae22		

Warnings:

Information:

Total Files Size (in bytes):	69209
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



NOTICE OF ALLOWANCE AND FEE(S) DUE

68533 7590 01/15/2016
MEGAN LYMAN
1816 SILVER MIST CT.
RALEIGH, NC 27613

Table with 2 columns: EXAMINER (FLANDERS, ANDREW C), ART UNIT, PAPER NUMBER

2656
DATE MAILED: 01/15/2016

Table with 5 columns: APPLICATION NO. (13/775,754), FILING DATE (02/25/2013), FIRST NAMED INVENTOR (C. Earl Woolfork), ATTORNEY DOCKET NO. (1028.7), CONFIRMATION NO. (1030)

TITLE OF INVENTION: Wireless Digital Audio Music System

Table with 7 columns: APPLN. TYPE (nonprovisional), ENTITY STATUS (SMALL), ISSUE FEE DUE (\$480), PUBLICATION FEE DUE (\$0), PREV. PAID ISSUE FEE (\$0), TOTAL FEE(S) DUE (\$480), DATE DUE (04/15/2016)

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.
If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.
If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".
For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

68533 7590 01/15/2016
MEGAN LYMAN
 1816 SILVER MIST CT.
 RALEIGH, NC 27613

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/775,754	02/25/2013	C. Earl Woolfork	1028.7	1030

TITLE OF INVENTION: Wireless Digital Audio Music System

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	04/15/2016

EXAMINER	ART UNIT	CLASS-SUBCLASS
FLANDERS, ANDREW C	2656	700-094000

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</p>	<p>2. For printing on the patent front page, list</p> <p>(1) The names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____</p> <p>(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____</p> <p>3 _____</p>
---	---

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent) : Individual Corporation or other private group entity Government

<p>4a. The following fee(s) are submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
---	---

5. **Change in Entity Status** (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

68533 7590 01/15/2016
MEGAN LYMAN
1816 SILVER MIST CT.
RALEIGH, NC 27613

EXAMINER
FLANDERS, ANDREW C

ART UNIT PAPER NUMBER
2656

DATE MAILED: 01/15/2016

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 13/775,754	Applicant(s) WOOLFORK, C. EARL	
	Examiner Andrew C. Flanders	Art Unit 2656	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to the amendment filed 14 October 2015.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. The allowed claim(s) is/are 1-17. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) All b) Some *c) None of the:
1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.


THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Examiner's Amendment/Comment |
| 2. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 6. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 7. <input type="checkbox"/> Other _____. |
| 4. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. | |

/Andrew C Flanders/
Primary Examiner, Art Unit 2656

Search Notes 	Application/Control No. 13775754	Applicant(s)/Patent Under Reexamination WOOLFORK, C. EARL
	Examiner ANDREW C FLANDERS	Art Unit 2656

CPC- SEARCHED		
Symbol	Date	Examiner
H04R2420/07	2/18/15	acf
H04R5/04, 033	2/18/15	acf
H04B1/086	2/18/15	acf
H04B5/06	2/18/15	acf
H04M1/6041, 6066	2/18/15	acf

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES		
Search Notes	Date	Examiner
see history attached	2/19/15	acf
reviewed search strategy and classes searched in entire family 10/027,391; 10/648,012; 12/144,729; 12/570,343; 12/940,747; 13/356,949	2/19/15	acf
eDan, EAST and PALM inventor search	2/19/15	acf
google.com patents search	2/19/15	acf
updated	1/12/16	acf

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
700	94	1/12/16	acf
H04M1	6066	1/12/16	acf
H04R1	1083	1/12/16	acf

	/ANDREW C FLANDERS/ Primary Examiner.Art Unit 2656
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INTERFERENCE SEARCH

US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
H04R5	033	1/12/16	acf
H04R2420	07	1/12/16	acf

	/ANDREW C FLANDERS/ Primary Examiner.Art Unit 2656
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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5223	700/94.ccls.	US-PGPUB; USPAT	OR	OFF	2016/01/12 12:14
L2	2	"13356949"	US-PGPUB; USPAT	OR	OFF	2016/01/12 12:14
L3	949	H04R1/1083.cpc.	US-PGPUB; USPAT	OR	OFF	2016/01/12 12:17
L4	1490	H04R5/033.cpc.	US-PGPUB; USPAT	OR	OFF	2016/01/12 12:17
L5	2292	H04R2420/07.cpc.	US-PGPUB; USPAT	OR	OFF	2016/01/12 12:17
L6	1809	H04M1/6066.cpc.	US-PGPUB; USPAT	OR	OFF	2016/01/12 12:20
S1	9	FHSS with unique with user	US-PGPUB; USPAT	OR	OFF	2007/03/20 09:30
S2	6	S1 and @ad<"20011221"	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:45
S3	0	FHSS with unique adj hop	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:46
S4	0	FHSS with each adj user	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:46
S5	0	FHSS with individual adj user	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:47
S6	0	(FHSS or "frequency hopping spread spectrum") with individual adj user	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:47
S7	0	(FHSS or "frequency hopping spread spectrum") near user same unique	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:47
S8	9	(FHSS or "frequency hopping spread spectrum") with user same unique	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:48
S9	17	(FHSS or "frequency hopping spread spectrum") same unique same user	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:48
S10	6	S9 and @ad<"20011221"	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:48
S11	9	(FHSS or "frequency hopping spread spectrum") same multiple adj user!	US-PGPUB; USPAT	OR	OFF	2006/05/03 10:32
S12	91	(FHSS or "frequency hopping spread spectrum") same (pn or "hopping code")	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:50
S13	13	(FHSS or "frequency hopping spread spectrum") with ("hopping code")	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:50
S14	3	S13 and @ad<"20011221"	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:51
S15	1	("5946343").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/03 11:46
S16	1	("6342844").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/03 11:46

S17	1	("5771441").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/28 15:55
S18	10725	"rechargeable battery" and @ad<"20011220"	US-PGPUB; USPAT	OR	OFF	2006/08/28 15:55
S19	376	"rechargeable battery".ti. and @ad<"20011220"	US-PGPUB; USPAT	OR	OFF	2006/08/28 15:55
S20	17	("rechargeable battery" and portable).ti. and @ad<"20011220"	US-PGPUB; USPAT	OR	OFF	2006/08/28 15:57
S21	3623043	("rechargeable battery" and portable) with mah andd @ad<"20011220"	US-PGPUB; USPAT	OR	OFF	2006/08/28 15:57
S22	0	("rechargeable battery" and portable) with mah and @ad<"20011220"	US-PGPUB; USPAT	OR	OFF	2006/08/28 15:57
S23	3623041	("rechargeable battery" and portable) with ma-h andd @ad<"20011220"	US-PGPUB; USPAT	OR	OFF	2006/08/28 15:57
S24	3623041	("rechargeable battery" and portable) with "ma-h" andd @ad<"20011220"	US-PGPUB; USPAT	OR	OFF	2006/08/28 15:57
S25	0	("rechargeable battery" and portable) with "ma-h" and @ad<"20011220"	US-PGPUB; USPAT	OR	OFF	2006/08/28 15:57
S26	640693	("rechargeable battery" and portable) with milliamp hours and @ad<"20011220"	US-PGPUB; USPAT	OR	OFF	2006/08/28 15:57
S27	18	("rechargeable battery" and portable) and "milliamp hours" and @ad<"20011220"	US-PGPUB; USPAT	OR	OFF	2006/08/31 12:17
S28	29	"5491839"	US-PGPUB; USPAT	OR	OFF	2006/08/30 12:56
S29	1	("5491839").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/30 12:56
S30	1	("5771441").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/30 12:56
S31	1	("6,107,147").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/31 12:17
S32	0	(10/648012).APP.	US-PGPUB; USPAT	OR	OFF	2006/09/25 09:26
S33	1	("5946343").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/25 09:50
S34	422	(455/564.1,412,413).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/25 09:50
S35	5294	(375/219,295-297,346,348).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/25 10:02
S36	1	("20040223622").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/25 10:04
S37	1	("5946343").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/25 10:05
S38	1	("7,050,419").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/20 09:32
S39	1	("20010025358").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/20 09:37
S40	2618	(375/341,140,147).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/20 09:37
S41	1807	S40 and @ad<"20011220"	US-PGPUB; USPAT	OR	OFF	2007/03/20 09:38
S42	8	("2001/0025358").URPN.	USPAT	OR	OFF	2007/03/20 09:51

S43	0	("2002/0025009").URPN.	USPAT	OR	OFF	2007/03/20 09:59
S44	0	("2002/0025009").URPN.	USPAT	OR	OFF	2007/03/20 10:01
S45	12	("20020159543" "5434623" "5867532" "5973642" "6243423" "6327314" "6339612" "6459728" "6477210" "6480554" "6654429" "6671338").PN. OR ("7099413").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/20 10:08
S46	74	"band pass" and demodulator and interleaver and "viterbi decoder"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/20 10:08
S47	59	S46 and @ad<"20011220"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/20 10:08
S48	17	("4278978" "4635063" "5175558" "5493307").PN. OR ("6130643").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/20 10:15
S49	1	("5175558").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/20 10:16
S50	13	("4651155" "4931977").PN. OR ("5175558").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/20 10:34
S51	1	("5946343").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/20 11:40
S52	7186	(375/295,146,130,340,316,148).OCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/20 11:41
S53	4473	S52 and @ad<"20011220"	US-PGPUB; USPAT	OR	OFF	2007/03/20 11:41
S54	1	("20040223622").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/21 12:11
S55	5	"reed solomon" with "intersymbol interference"	US-PGPUB; USPAT	OR	OFF	2007/03/21 12:13
S56	30	"reed solomon" same "intersymbol interference"	US-PGPUB; USPAT	OR	OFF	2007/03/21 12:13
S57	21	S56 and @ad<"20011220"	US-PGPUB; USPAT	OR	OFF	2007/03/21 12:27
S58	1	("20030045235").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/21 12:37
S59	1	("5790595").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/21 12:37
S60	2435	((375/262,265,341) or (714/794,795)).OCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/24 09:15
S62	56	"375".clas. and "fuzzy logic"	US-PGPUB; USPAT	OR	OFF	2007/03/26 11:04
S64	1	("4970637").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/28 13:46
S65	755	(audio sound music voice) same (a/d "analog to digital") same (lpf "low pass")	US-PGPUB; USPAT	OR	OFF	2007/03/28 13:46
S66	282	(audio sound music voice) with (a/d "analog to digital") with ((lpf "low pass") and "digital")	US-PGPUB; USPAT	OR	OFF	2007/03/28 13:47
S67	227	(audio sound music voice) with (a/d "analog to digital") with ((lpf "low	US-PGPUB; USPAT	OR	OFF	2007/03/28 15:33

		pass") and "digital") and @ad<"20011221"				
S68	34712	"band pass filter" bpf with "direct conversion receiver"	US-PGPUB; USPAT	OR	OFF	2007/03/28 15:33
S69	35	("band pass filter" bpf) with "direct conversion receiver"	US-PGPUB; USPAT	OR	OFF	2007/03/28 15:33
S70	8	S69 and @ad<"20011221"	US-PGPUB; USPAT	OR	OFF	2007/03/28 15:55
S71	1	("20030045235").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/28 16:16
S72	1	("20040223622").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/28 16:20
S73	1	("5946343").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/28 16:27
S74	364	"64-ary"	US-PGPUB; USPAT	OR	OFF	2007/03/28 16:27
S75	74	"64-ary" near modulat\$4	US-PGPUB; USPAT	OR	OFF	2007/03/28 16:27
S76	46	S75 and @ad<"20011120"	US-PGPUB; USPAT	OR	OFF	2007/03/28 16:27
S77	2	(("4970637") or ("5790595")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/16 09:58
S78	3	(("4970637") or ("5790595") or ("20040223622")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/16 09:58
S79	3	("2004/0223622").URPN.	USPAT	OR	OFF	2007/07/16 11:25
S80	1	("5771441").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/16 11:25
S81	60	("2236946" "2828413" "2840694" "3080785" "3085460" "3087117" "3296916" "3579211" "3743751" "3781451" "3825666" "3863157" "3901118" "3906160" "4004228" "4229826" "4335930" "4344184" "4369521" "4430757" "4453269" "4464792" "4471493" "4612688" "4647135" "4721926" "4794622" "4845751" "4899388" "4988957" "5025704" "5214568").PN. OR ("5771441").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/16 11:26
S82	2	S81 and cdma	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/16 11:26
S83	1	("6678892").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/20 11:41
S84	1	("20020072816").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/20 14:24
S85	22	"fuzzy logic" and modulat\$5 and filter and (dpsk "phase shift key")	US-PGPUB; USPAT	OR	OFF	2008/06/06 09:20
S86	0	"455".clas. and "375".clas. and S85	US-PGPUB; USPAT	OR	OFF	2008/06/06 09:21
S87	1	"10100351"	US-PGPUB; USPAT	OR	OFF	2008/06/06 11:49
S88	1	("6,678,892").PN.	US-PGPUB; USPAT	OR	OFF	2008/06/06 12:38
S89	3	("20030021429" "20030076346"	US-PGPUB;	OR	OFF	2008/06/06

		"6867820").PN.	USPAT			12:42
S90	13	("4589134" "4626892" "5042070" "5541638" "5581621" "5631850" "5775939" "6100936" "6195438").PN. OR ("6867820").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/06 12:43
S91	2	"10648012"	US-PGPUB; USPAT	OR	OFF	2009/02/14 10:23
S92	1	"12144729"	US-PGPUB; USPAT	OR	OFF	2009/02/14 10:31
S93	1	("5790595").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/14 12:36
S94	1	("6678892").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/14 12:37
S95	1	("6678892").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/26 07:51
S96	1680	portable and music and CDMA and transmitter and receiver	US-PGPUB; USPAT	OR	OFF	2009/09/01 11:35
S97	527	portable and music and CDMA and transmitter and receiver and private	US-PGPUB; USPAT	OR	OFF	2009/09/01 11:35
S98	57	portable and music and CDMA and transmitter and receiver and private and "fuzzy logic"	US-PGPUB; USPAT	OR	OFF	2009/09/01 11:35
S99	0	S98 and @ad<"20011221"	US-PGPUB; USPAT	OR	OFF	2009/09/01 11:36
S100	41	S97 and @ad<"20011221"	US-PGPUB; USPAT	OR	OFF	2009/09/01 11:36
S101	1	("6678692").PN.	US-PGPUB; USPAT	OR	OFF	2009/09/01 11:39
S102	1	("6678892").PN.	US-PGPUB; USPAT	OR	OFF	2009/09/01 11:39
S103	25	("5555466" "5771441" "6058288" "6243645" "6266815" "6300880" "6317039").PN. OR ("6678892").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 11:39
S104	63	("2236946" "2828413" "2840694" "3080785" "3085460" "3087117" "3296916" "3579211" "3743751" "3781451" "3825666" "3863157" "3901118" "3906160" "4004228" "4229826" "4335930" "4344184" "4369521" "4430757" "4453269" "4464792" "4471493" "4612688" "4647135" "4721926" "4794622" "4845751" "4899388" "4988957" "5025704" "5214568").PN. OR ("5771441").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 11:42
S105	10	("20030045235" "20040223622" "5491839" "5771441" "5790595" "5946343" "6342844" "6418558" "6678892" "6982132").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 11:42
S106	4453	"fuzzy logic" and @ad<"20011221"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 11:48
S107	659	S106 and transmitter	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 11:48

S108	591	S106 and portable	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 11:48
S109	4	S106 and portable adj player	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 11:49
S110	0	"fuzzy logic" with reciever	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 11:50
S111	49	"fuzzy logic" with receiver	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 11:50
S112	27	S111 and @ad<"20011221"	US-PGPUB; USPAT	OR	OFF	2009/09/01 11:50
S113	192	"fuzzy logic" same receiver	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/01 11:51
S114	72	S113 and @ad<"20011221"	US-PGPUB; USPAT	OR	OFF	2009/09/01 11:52
S115	71	("4019141" "4229829" "5264795" "5404577" "5437057" "5568516" "5694467" "5771438" "5771441" "5867223" "5978689" "6006115").PN. OR ("6424820").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/02 11:27
S116	34	S115 and @ad<"20011221"	US-PGPUB; USPAT	OR	OFF	2009/09/02 11:28
S117	31	bluetooth with (headphone headset earphone "head phone" "head set" "ear phone") with cdma	US-PGPUB; USPAT	OR	OFF	2009/09/02 11:32
S118	2	S117 and @ad<"20011221"	US-PGPUB; USPAT	OR	OFF	2009/09/02 11:32
S119	32	wireless with (headphone headset earphone "head phone" "head set" "ear phone") with cdma	US-PGPUB; USPAT	OR	OFF	2009/09/02 11:33
S120	3	S119 and @ad<"20011221"	US-PGPUB; USPAT	OR	OFF	2009/09/02 11:33
S121	57	(headphone headset earphone "head phone" "head set" "ear phone") with cdma	US-PGPUB; USPAT	OR	OFF	2009/09/02 11:34
S122	10	S121 and @ad<"20011221"	US-PGPUB; USPAT	OR	OFF	2009/09/02 11:34
S123	0	WO0056093	US-PGPUB; USPAT	OR	OFF	2009/09/02 11:36
S124	0	WO0056093	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT IBM_TDB	OR	OFF	2009/09/02 11:37
S125	0	WO/0056093	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT IBM_TDB	OR	OFF	2009/09/02 11:37

S126	2	((("5781542") or ("5799005")).PN.	US-PGPUB; USPAT	OR	OFF	2009/09/02 11:42
S127	1	("6199076").PN.	US-PGPUB; USPAT	OR	OFF	2009/09/02 13:51
S128	0	woolfork-earl.in.	US-PGPUB; USPAT	OR	OFF	2009/11/23 11:44
S129	3	woolfork-c-\$.in.	US-PGPUB; USPAT	OR	OFF	2009/11/23 11:44
S139	1	("7412294").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/11 12:21
S140	1	("7412294").PN.	US-PGPUB; USPAT	OR	OFF	2010/06/01 09:29
S141	3	"12144729"	US-PGPUB; USPAT	OR	OFF	2010/06/01 09:34
S142	843	cdma and "fuzzy logic"	US-PGPUB; USPAT	OR	OFF	2010/10/18 09:46
S143	66	S142 and @ad<"20011221"	US-PGPUB; USPAT	OR	OFF	2010/10/18 09:46
S144	14	cdma same "fuzzy logic"	US-PGPUB; USPAT	OR	OFF	2010/10/18 09:46
S145	5	S144 and @ad<"20011221"	US-PGPUB; USPAT	OR	OFF	2010/10/18 09:46
S146	11	code same wireless same "fuzzy logic"	US-PGPUB; USPAT	OR	OFF	2010/10/18 09:49
S147	2	S146 and @ad<"20011221"	US-PGPUB; USPAT	OR	OFF	2010/10/18 09:49
S148	2704	(700/94).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/10/21 12:51
S149	3	((("7412294") or ("7865258") or ("7684885")).PN.	US-PGPUB; USPAT	OR	OFF	2011/05/02 14:06
S150	1	("6418558").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/03 09:41
S151	1	("6678892").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/03 09:42
S152	1	S150 and reed same intersymbol	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/03 10:03
S154	1	("8131391").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/10/02 10:23
S155	1	("8131391").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/10/02 10:27
S156	1765	wireless and (audio music) and "direct conversion"	US-PGPUB; USPAT; USOCR	OR	OFF	2013/10/02 10:30
S157	177	S156 and @ad<"20011221"	US-PGPUB; USPAT	OR	OFF	2013/10/02 10:30
S158	6	S157 and (headphone "head phone" earphone "ear phone")	US-PGPUB; USPAT	OR	OFF	2013/10/02 10:31
S159	18	(US-20010025358-\$ or US- 20040223622-\$).did. or (US-6130643- \$ or US-6982132-\$ or US-7099413-\$	US-PGPUB; USPAT	OR	OFF	2013/10/02 10:34

		or US-7047474-\$ or US-6418558-\$ or US-5175558-\$ or US-6317039-\$ or US-5771441-\$ or US-5946343-\$ or US-5491839-\$ or US-6424820-\$ or US-6898585-\$ or US-6781977-\$ or US-5781542-\$ or US-6678892-\$ or US-6456645-\$).did.				
S160	6	S159 and packet	US-PGPUB; USPAT; USOCR	OR	OFF	2013/10/02 10:34
S161	6	S159 and cdma	US-PGPUB; USPAT; USOCR	OR	OFF	2013/10/02 10:44
S162	1	S159 and "direct conversion"	US-PGPUB; USPAT; USOCR	OR	OFF	2013/10/02 10:52
S163	4	("8131391" or "7865258" or "7684885" or "7412294").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2013/10/02 12:00
S164	18	(US-20010025358-\$ or US-20040223622-\$).did. or (US-6130643-\$ or US-6982132-\$ or US-7099413-\$ or US-7047474-\$ or US-6418558-\$ or US-5175558-\$ or US-6317039-\$ or US-5771441-\$ or US-5946343-\$ or US-5491839-\$ or US-6424820-\$ or US-6898585-\$ or US-6781977-\$ or US-5781542-\$ or US-6678892-\$ or US-6456645-\$).did.	US-PGPUB; USPAT	OR	OFF	2013/12/05 09:59
S165	1	S164 and intersymbol	US-PGPUB; USPAT; USOCR	OR	OFF	2013/12/05 09:59
S166	1	S164 and intersymbol and reed	US-PGPUB; USPAT; USOCR	OR	OFF	2013/12/05 09:59
S167	18	(US-20010025358-\$ or US-20040223622-\$).did. or (US-6130643-\$ or US-6982132-\$ or US-7099413-\$ or US-7047474-\$ or US-6418558-\$ or US-5175558-\$ or US-6317039-\$ or US-5771441-\$ or US-5946343-\$ or US-5491839-\$ or US-6424820-\$ or US-6898585-\$ or US-6781977-\$ or US-5781542-\$ or US-6678892-\$ or US-6456645-\$).did.	US-PGPUB; USPAT	OR	OFF	2014/12/16 09:58
S168	18	(US-20010025358-\$ or US-20040223622-\$).did. or (US-6130643-\$ or US-6982132-\$ or US-7099413-\$ or US-7047474-\$ or US-6418558-\$ or US-5175558-\$ or US-6317039-\$ or US-5771441-\$ or US-5946343-\$ or US-5491839-\$ or US-6424820-\$ or US-6898585-\$ or US-6781977-\$ or US-5781542-\$ or US-6678892-\$ or US-6456645-\$).did.	US-PGPUB; USPAT	OR	OFF	2014/12/16 10:03
S169	0	wo0019632	US-PGPUB; USPAT; USOCR	OR	OFF	2015/04/06 11:01
S170	0	wo0019632	US-PGPUB; USPAT;	OR	OFF	2015/04/06 11:01


			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S171	1	"wo 00/19632"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/04/06 11:01
S172	2	((("6061387") or ("6269130")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2015/04/06 11:03
S173	35	("20020016188" "4816769" "4864599" "5428836" "5687218" "5794163" "5799097" "5845197" "5911119" "6021207" "6026082" "6032028" "6118882" "6119002" "6122388" "6141356" "6185418" "6307945" "6339695").PN. OR ("6519448").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2015/04/06 11:27
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S175	4	"8131391"	US-PGPUB; USPAT; USOCR	OR	OFF	2015/04/06 11:28
S176	4	((("8131391") or ("7865258") or ("7684885") or ("7412294")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2015/04/06 11:28

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S130	0	woolfork-earl.in.	USPAT; * No UPAD	OR	OFF	2009/11/23 11:44
S131	1	woolfork-c\$.in.	USPAT; * No UPAD	OR	OFF	2009/11/23 11:44
S132	195	(700/94).CCLS.	* No UPAD	OR	OFF	2009/11/23 11:59
S133	225	((700/94) or (455/3.06)).CCLS.	* No UPAD	OR	OFF	2010/01/11 11:18
S153	31	(700/94).CCLS.	* No UPAD	OR	OFF	2012/01/09 11:39

1/ 12/ 2016 12:41:14 PM


C:\Users\aflanders\Documents\EAST\Workspaces\12940747.wsp

Issue Classification 	Application/Control No. 13775754	Applicant(s)/Patent Under Reexamination WOOLFORK, C. EARL
	Examiner ANDREW C FLANDERS	Art Unit 2656

CPC						
Symbol					Type	Version
H04R		1		1083	F	2013-01-01
H04R		5		033	I	2013-01-01
H04R		2420		07	A	2013-01-01
H04M		1		6066	I	2013-01-01
H04B		1		7097	I	2013-01-01
H04H		20		61	I	2013-01-01


CPC Combination Sets				
Symbol	Type	Set	Ranking	Version

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	17	
/ANDREW C FLANDERS/ Primary Examiner.Art Unit 2656	01/12/2016	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

Issue Classification 	Application/Control No. 13775754	Applicant(s)/Patent Under Reexamination WOOLFORK, C. EARL
	Examiner ANDREW C FLANDERS	Art Unit 2656

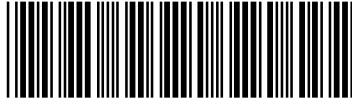
US ORIGINAL CLASSIFICATION						INTERNATIONAL CLASSIFICATION								
CLASS		SUBCLASS				CLAIMED				NON-CLAIMED				
700		94				G	0	6	F	17 / 00 (2006.01.01)				
CROSS REFERENCE(S)														
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)													

NONE		Total Claims Allowed:	
(Assistant Examiner)		17	
(Date)			
/ANDREW C FLANDERS/ Primary Examiner.Art Unit 2656		O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)		1	1
(Date)		01/12/2016	

Issue Classification 	Application/Control No. 13775754	Applicant(s)/Patent Under Reexamination WOOLFORK, C. EARL
	Examiner ANDREW C FLANDERS	Art Unit 2656

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant																<input type="checkbox"/> CPA		<input checked="" type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original						
1	1	17	17																		
2	2																				
3	3																				
4	4																				
5	5																				
6	6																				
7	7																				
8	8																				
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10	10																				
11	11																				
12	12																				
13	13																				
14	14																				
15	15																				
16	16																				

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 17	
/ANDREW C FLANDERS/ Primary Examiner.Art Unit 2656 (Primary Examiner) _____ (Date) _____		O.G. Print Claim(s) 1	O.G. Print Figure 1

<i>Index of Claims</i> 	Application/Control No. 13775754	Applicant(s)/Patent Under Reexamination WOOLFORK, C. EARL
	Examiner ANDREW C FLANDERS	Art Unit 2656

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE							
Final	Original	02/19/2015	01/12/2016						
1	1	✓	=						
2	2	✓	=						
3	3		=						
4	4		=						
5	5		=						
6	6		=						
7	7		=						
8	8		=						
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17	17		=						



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United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO. Includes details for application 13/775,754 and 68533, inventor C. Earl Woolfork, and examiner Flanders, Andrew C.

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

MELYMAN@LYMANPATENTS.COM



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Application No. : 13775754
Applicant : Woolfork
Filing Date : 02/25/2013
Date Mailed : 01/22/2016

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Notice of Allowance Mailed

This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given two (2) months from the mail date of this Notice within which to respond. This time period for reply is extendable under 37 CFR 1.136(a) for only TWO additional MONTHS.

The application is not in compliance with 37 CFR 1.78, as indicated in the attachment. The consequences of failure to respond within the above-identified time period are set forth in the attachment.

Even if the Office has recognized a benefit claim and has entered it into the Office's database and included it on applicant's filing receipt, the benefit claim is not a proper benefit claim unless the reference in compliance with 37 CFR 1.78 is included, depending upon the application's filing date and as indicated in the attachment, in an application data sheet or in the first sentence(s) of the specification and all other requirements are met.

See attachment.

*A copy of this notice **MUST** be returned with the reply. Please address response to "Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450".*

/Vermel Wilson/
Publication Branch
Office of Data Management
(571) 272-4200

Application No. 13775754

**APPLICATION FILED ON OR AFTER SEPTEMBER 16, 2012 AND BEFORE MARCH 16, 2013,
NOT IN COMPLIANCE WITH 37 CFR 1.78**

- The 37 CFR 1.78(a)(2) reference on the application data sheet does not indicate the relationship (continuation, division, continuation-in-part) to the prior U.S. nonprovisional application or international application designating the U.S. See document coded ADS dated 02/25/2013, listing application number(s) 13356949.
- The 37 CFR 1.78(a)(2) reference on the application data sheet does not provide the U.S. nonprovisional application number (series code and serial number) or, with respect to an international PCT application designating the U.S., it provides the international application number or international filing date but not both. See document coded dated , in which the following is missing: .
- The 37 CFR 1.78(a)(2) reference on the application data sheet shows an incorrect, incomplete, or illegible U.S. nonprovisional application number, international PCT application number, or international PCT filing date. See document coded dated , in which the following error was made: .
- The 37 CFR 1.78(a)(2) reference to the prior U.S. nonprovisional application or international application designating the U.S. is not present on an application data sheet, thus removing the validating link under 35 U.S.C. 119(a)-(d) to a prior foreign application or under 35 U.S.C. 119(e) to a prior U.S. provisional application.
- The 37 CFR 1.78(a)(2) reference to the prior U.S. nonprovisional application or international application designating the U.S. is not present on an application data sheet.
- The 37 CFR 1.78(a)(5) reference to the prior U.S. provisional application is not present on an application data sheet.
- The 37 CFR 1.78(a)(5) reference to the prior U.S. provisional application on an application data sheet does not provide the provisional application number (series code and serial number). See document coded dated , in which the following is missing: .
- The 37 CFR 1.78(a)(5) reference to the prior U.S. provisional application on an application data sheet shows an incorrect, incomplete, or illegible U.S. provisional application number. See document coded dated , in which the following error was made: .
- Other: .

HOW TO RESPOND

A proper response to this notice would include any one of: (1) a corrected Application Data Sheet (ADS) pursuant to 37 CFR 1.76(c) which provides benefit information that complies with 37 CFR 1.78(a)(2) or 37 CFR 1.78(a)(5) or (2) a petition filed pursuant to the provisions of 37 CFR 1.78(a)(3) or 37 CFR 1.78(a)(6) if the benefit information from the document identified above by code and date does not accurately reflect the benefits under 35 U.S.C. 119(e), 120, 121 or 365(c) as claimed by applicant (a grantable petition would include a corrected ADS as required by 37 CFR 1.78(a)(3)(i) or 37 CFR 1.78(a)(6)(i)). Such amendments to the specification or supplemental ADS submission may be filed after payment of the issue fee if limited to informalities noted herein. See Waiver of 37 CFR 1.312 for Document Required by Office of Patent Publication, 1280 Off. Gaz. Patent Office 918 (March 23, 2004).

WARNING: If Applicant fails to timely submit a proper response, the benefit information will be deleted and the patent will be printed without the benefit information present.

CORRECTED ADS FORM

Application Number	13775754
Title of Invention	Wireless Digital Audio Music System

Inventor Information

****If no data is shown, no data has been corrected****

	Data of Record	Updated Data
Order Number		
Name		

Residence Information

Residency		
City		
Country of Residence		

Mailing Address of Inventor

Address 1		
Address 2		
City,State/Province, Postal Code		
Country		

Application Information

	Data of Record	Updated Data
Title of Invention	Wireless Digital Audio Music System	
Attorney Docket Number	1028.7	
Entity Type	Small	

Domestic Benefit/National Stage Information

****If no data is shown, no data has been corrected****

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121,365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S. C. 119(e) or 120, and 37 CFR 1.78(a).

	Data of Record	Updated Data
Prior Application Status		<u>pending</u>
Application Number		
Continuity Type		<u>CON</u>
Prior Application Number		<u>13356949</u>
Filing Date (YYYY-MM-DD)		<u>2012-01-24</u>
Patent Number		
Issue Date (YYYY-MM-DD)		

	Data of Record	Updated Data
Prior Application Status		<u>patented</u>
Application Number		<u>13356949</u>
Continuity Type		<u>CON</u>
Prior Application Number		<u>12940747</u>
Filing Date (YYYY-MM-DD)		<u>2010-11-05</u>
Patent Number		<u>8131391</u>
Issue Date (YYYY-MM-DD)		<u>2012-03-06</u>

	Data of Record	Updated Data
Prior Application Status		<u>patented</u>
Application Number		<u>12940747</u>
Continuity Type		<u>CON</u>
Prior Application Number		<u>12570343</u>
Filing Date (YYYY-MM-DD)		<u>2009-09-30</u>
Patent Number		<u>7865258</u>
Issue Date (YYYY-MM-DD)		<u>2011-01-04</u>

	Data of Record	Updated Data
Prior Application Status		<u>patented</u>
Application Number		<u>12570343</u>
Continuity Type		<u>CON</u>
Prior Application Number		<u>12144729</u>
Filing Date (YYYY-MM-DD)		<u>2008-07-12</u>
Patent Number		<u>7684885</u>
Issue Date (YYYY-MM-DD)		<u>2010-03-23</u>

	Data of Record	Updated Data
Prior Application Status		<u>patented</u>
Application Number		<u>12144729</u>
Continuity Type		<u>CON</u>
Prior Application Number		<u>10648012</u>
Filing Date (YYYY-MM-DD)		<u>2003-08-26</u>
Patent Number		<u>7412294</u>
Issue Date (YYYY-MM-DD)		<u>2008-08-12</u>

	Data of Record	Updated Data
Prior Application Status		<u>abandoned</u>
Application Number		<u>10648012</u>
Continuity Type		<u>CIP</u>
Prior Application Number		<u>10027391</u>
Filing Date (YYYY-MM-DD)		<u>2001-12-21</u>
Patent Number		
Issue Date (YYYY-MM-DD)		

Foreign Priority Information

****If no data is shown, no data has been corrected****

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX) the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

	Data of Record	Updated Data
Application Number		
Country		
Filing Date		
Access Code		

Applicant Information

****If no data is shown, no data has been corrected****

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

	Data of Record	Updated Data
Applicant Type		
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is		
Name of the Deceased or Legally Incapacitated Inventor		
Applicant is an Organization		
Name		
Organization Name		
Address 1		
Address 2		
City,State/Province,Postal Code		
Country		
Phone Number		
Fax Number		

Email Address

Assignee Information including Non-Applicant Assignee Information

****If no data is shown, no data has been corrected****

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office

	Data of Record	Updated Data
Order		
Applicant is an Organization		
Name		
Organization Name		

Mailing Address

Address 1		
Address 2		
City,State/Province,Postal Code		
Country		
Phone Number		
Fax Number		
Email Address		

Signature

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b).

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Corrected ADS 1.0

Signature	/Megan Lyman/	Registration Number	57054
First Name	Megan	Last Name	Lyman

Electronic Patent Application Fee Transmittal

Application Number:	13775754			
Filing Date:	25-Feb-2013			
Title of Invention:	Wireless Digital Audio Music System			
First Named Inventor/Applicant Name:				
Filer:	Megan Elizabeth Lyman			
Attorney Docket Number:	1028.7			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
PROCESSING FEE, EXCEPT PROV. APPLS.	2830	1	70	70
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				70

Electronic Acknowledgement Receipt

EFS ID:	24799189
Application Number:	13775754
International Application Number:	
Confirmation Number:	1030
Title of Invention:	Wireless Digital Audio Music System
First Named Inventor/Applicant Name:	
Customer Number:	68533
Filer:	Megan Elizabeth Lyman
Filer Authorized By:	
Attorney Docket Number:	1028.7
Receipt Date:	02-FEB-2016
Filing Date:	25-FEB-2013
Time Stamp:	16:56:02
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$70
RAM confirmation Number	3721
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet to update/ correct info	CorrectedADS.pdf	93445	no	7
			7fc5d0d031c9114af64d4c35f4db998db63677d0		

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30323	no	2
			2436bc5fc65a53a1a251ed63b0d18d1f765aed20		

Warnings:

Information:

Total Files Size (in bytes):	123768
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Document Description: Issue Fee Payment (PTO-85B)

Issue Fee Transmittal Form

Application Number	Filing Date	First Named Inventor	Atty. Docket No.	Confirmation No.
13775754	25-Feb-2013	C. Woolfork	1028.7	1030

TITLE OF INVENTION :

Wireless Digital Audio Music System

Entity Status	Application Type	Art Unit	Class - Subclass	EXAMINER
Small	Utility under 35 USC 111(a)	2656	094000	ANDREW FLANDERS
Issue Fee Due	Publication Due	Total Fee(s) Due	Date Due	Prev. Paid Fee
\$480	\$0	\$480	15-Apr-2016	\$0

1.Change of Correspondence Address and/or Indication Of Fee Address (37 CFR 1.33 & 1.363)

Current Correspondence Address:	Current Indicated Fee Address :
68533 MEGAN LYMAN 1816 SILVER MIST CT. RALEIGH NC 27613 UNITED STATES 919-341-4023 MELYMAN@LYMANPATENTS.COM	
<input type="checkbox"/> Change of correspondence address requested, system generated AIA/122-EFS form attached	<input type="checkbox"/> Fee Address indication requested, system generated SB/47-EFS form attached

2.Entity Status**Change in Entity Status**

Applicant certifying micro entity status; system generated Micro Entity certification form attached. See 37 CFR 1.29.

Note: Absent a valid certification of micro entity status, issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
 If this box is checked, you will be prompted to choose a micro entity status on the gross income basis (37 CFR 1.29(a)) or the institution of higher education basis (37 CFR 1.29(d)), and make the applicable certification online.

Applicant asserting small entity status. See 37 CFR 1.27.

Note: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

Applicant changing to regular undiscounted fee status.

Note: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

Document Description: Issue Fee Payment (PTO-85B)

3.The Following Fee(s) Are Submitted: Issue Fee I authorize USPTO to apply my previously paid issue fee to the current fees due Publication Fee The Director is hereby authorized to apply my previously paid issue fee to the current fee due and to charge deficient fees to Deposit Account Number _____ Advance Order - # of copies _____ If **in addition** to the payment of the issue fee amount submitted with this form, there are any discrepancies in any amount(s) due, the Director is authorized to charge any deficiency, or credit any overpayment, to Deposit Account Number _____.
 The **issue fee must be submitted** with this form. **If payment of the issue fee does not accompany this form, checking this box and providing a deposit account number will NOT be effective to satisfy full payment of the fee(s) due.****4.Firm and/or Attorney Names To Be Printed****NOTE: If no name is listed, no name will be printed**

For printing on the patent front page, list to be displayed as entered

1. Megan Lyman

2.

3.

5.Assignee Name(s) and Residence Data To Be Printed

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

Name	City	State	Country	Category
One-E-Way Inc.	Pasadena		united states	corporation

6.Signature

I certify, in accordance with 37 CFR 1.4(d)(4) that I am an attorney or agent registered to practice before the Patent and Trademark Office who has filed and has been granted power of attorney in this application. I also certify that this Fee(s) Transmittal form is being transmitted to the USPTO via EFS-WEB on the date indicated below.

Signature	/Megan Lyman/	Date	02-02-2016
Name	Megan Elizabeth Lyman	Registration Number	57054

Electronic Patent Application Fee Transmittal

Application Number:	13775754
Filing Date:	25-Feb-2013
Title of Invention:	Wireless Digital Audio Music System
First Named Inventor/Applicant Name:	C. Earl Woolfork
Filer:	Megan Elizabeth Lyman
Attorney Docket Number:	1028.7

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Utility Appl Issue Fee	2501	1	480	480
Publ. Fee- Early, Voluntary, or Normal	1504	1	0	0

Pages:

Claims:

Miscellaneous-Filing:

Petition:

Patent-Appeals-and-Interference:

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				480

Electronic Acknowledgement Receipt

EFS ID:	24799350
Application Number:	13775754
International Application Number:	
Confirmation Number:	1030
Title of Invention:	Wireless Digital Audio Music System
First Named Inventor/Applicant Name:	C. Earl Woolfork
Customer Number:	68533
Filer:	Megan Elizabeth Lyman
Filer Authorized By:	
Attorney Docket Number:	1028.7
Receipt Date:	02-FEB-2016
Filing Date:	25-FEB-2013
Time Stamp:	17:01:40
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$480
RAM confirmation Number	3842
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	Web85b.pdf	45701 6bfd621c98ece1fce1c2ead28359df86fe2e0694	no	2

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	31864 7eebf2f906c84011b7d0b1a361f314110125b4ea	no	2
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Warnings:

Information:

Total Files Size (in bytes):			77565		
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY. DOCKET NO, TOT CLAIMS, IND CLAIMS. Row 1: 13/775,754, 02/25/2013, 2656, 1163, 1028.7, 2, 2

CONFIRMATION NO. 1030
CORRECTED FILING RECEIPT

68533
MEGAN LYMAN
1816 SILVER MIST CT.
RALEIGH, NC 27613



Date Mailed: 02/04/2016

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s)

C. Earl Woolfork, Pasadena, CA;

Applicant(s)

C. Earl Woolfork, Pasadena, CA;

Assignment For Published Patent Application

One-E-Way Inc., Pasadena, CA

Power of Attorney: The patent practitioners associated with Customer Number 68533

Domestic Priority data as claimed by applicant

This application is a CON of 13/356,949 01/24/2012 PAT 9107000
which is a CON of 12/940,747 11/05/2010 PAT 8131391
which is a CON of 12/570,343 09/30/2009 PAT 7865258
which is a CON of 12/144,729 07/12/2008 PAT 7684885
which is a CON of 10/648,012 08/26/2003 PAT 7412294
which is a CIP of 10/027,391 12/21/2001 ABN

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: No

Permission to Access Search Results: No

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 03/19/2013

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 13/775,754**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

Wireless Digital Audio Music System

Preliminary Class

700

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific

countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER
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Title 37, Code of Federal Regulations, 5.11 & 5.15

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This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.



APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/775,754	03/08/2016	9282396	1028.7	1030

68533 7590 02/17/2016
 MEGAN LYMAN
 1816 SILVER MIST CT.
 RALEIGH, NC 27613

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 205 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

C. Earl Woolfork, Pasadena, CA;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.



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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
13/775,754	02/25/2013	C. Earl Woolfork	1028.7

68533
MEGAN LYMAN
1816 SILVER MIST CT.
RALEIGH, NC 27613

CONFIRMATION NO. 1030
IMPROPER CFR REQUEST



Date Mailed: 03/01/2016

RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT

Continuity, Priority Claims, Petitions, and Non-Publication Requests

In response to your request for a corrected Filing Receipt, the Office is unable to comply with your request because:

- The priority or continuity claim has not been entered because it was not filed during the required time period. Applicant may wish to consider filing a petition to accept an unintentionally delayed claim for priority. See 37 CFR 1.55 or 1.78.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/mmasfaw/



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY. DOCKET NO, TOT CLAIMS, IND CLAIMS. Row 1: 13/775,754, 02/25/2013, 2656, 1163, 1028.7, 2, 2

CONFIRMATION NO. 1030
CORRECTED FILING RECEIPT

68533
MEGAN LYMAN
1816 SILVER MIST CT.
RALEIGH, NC 27613



Date Mailed: 03/01/2016

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s)

C. Earl Woolfork, Pasadena, CA;

Applicant(s)

C. Earl Woolfork, Pasadena, CA;

Assignment For Published Patent Application

One-E-Way Inc., Pasadena, CA

Power of Attorney: The patent practitioners associated with Customer Number 68533

Domestic Applications for which benefit is claimed - None.

A proper domestic benefit claim must be provided in an Application Data Sheet in order to constitute a claim for domestic benefit. See 37 CFR 1.76 and 1.78.

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: No

Permission to Access Search Results: No

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 03/19/2013

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 13/775,754**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

Wireless Digital Audio Music System

Preliminary Class

700

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

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Title 37, Code of Federal Regulations, 5.11 & 5.15

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This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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Commissioner for Patents
Office of Data Management Attention: Petitions Branch
P.O. Box 1450
Alexandria, VA 22313-1450

March 2, 2016

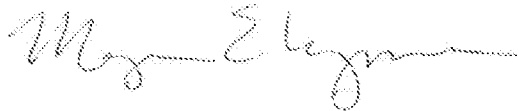
Request for Petition for Unintentional Delayed Claim of Priority

To Whom It May Concern:

The above application is set to issue currently. It was brought to my attention that domestic priority had not been perfected on the Application Data Sheet on January 22, 2016 and a replacement ADS was requested and submitted on February 2, 2016. I was made aware that this ADS was not accepted yesterday, March 1, 2016. The specification of this application clearly states priority and history, and the filing date should be corrected to December 21, 2001. The delay in perfecting this claim for priority was entirely unintentional. Thus, it is respectfully requested that this Petition for Unintentionally Delayed Claim for Priority be allowed under 37 CFR 1.78. A copy of the corrected ADS of February 2 as well as the petition fee are submitted herewith. Please do not hesitate to contact me with any questions or concerns.

March 2, 2016

Respectfully Submitted,

A handwritten signature in cursive script, appearing to read "Megan E. Lyman".

Megan E. Lyman, Registration No. 57,054
1816 Silver Mist Ct.
Raleigh, NC 27613
melyman@lymanpatents.com
(919) 341-4023 (phone)
(919) 341-0271 (fax)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1028.7
		Application Number	
Title of Invention	Wireless Digital Audio Music System		
<p>The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.</p>			

Secrecy Order 37 CFR 5.2

<input type="checkbox"/> Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)
--

Inventor Information:

Inventor	1			Remove	
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
Mr. ▾	C.	Earl	Woolfork	▾	
Residence Information (Select One) • US Residency Non US Residency Active US Military Service					
City	Pasadena	State/Province	CA	Country of Residence	US
Mailing Address of Inventor:					
Address 1	PO Box 70848				
Address 2					
City	Pasadena	State/Province	CA		
Postal Code	91107	Country i	US		
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.					Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).			
<input type="checkbox"/> An Address is being provided for the correspondence Information of this application.			
Customer Number	68533		
Email Address	melyman@lymanpatents.com	Add Email	Remove Email

Application Information:

Title of the Invention	Wireless Digital Audio Music System		
Attorney Docket Number	1028.7	Small Entity Status Claimed	<input checked="" type="checkbox"/>
Application Type	Nonprovisional ▾		
Subject Matter	Utility ▾		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)	2614		
Total Number of Drawing Sheets (if any)	3	Suggested Figure for Publication (if any)	1

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1028.7
	Application Number	
Title of Invention	Wireless Digital Audio Music System	

Publication Information:
 Request Early Publication (Fee required at time of Request 37 CFR 1.219)

 Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.
Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer number will be used for the Representative Information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	68533		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

Prior Application Status	Pending					Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)			
13356949	Continuation of	13356949	2012-01-24			
Prior Application Status	Patented					Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)	
13356949	Continuation of	12940747	2010-11-05	8131391	2012-03-06	
Prior Application Status	Patented					Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)	
12940747	Continuation of	12570343	2009-09-30	7865258	2011-01-04	
Prior Application Status	Patented					Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)	
12570343	Continuation of	12144729	2008-07-12	7684885	2010-03-23	
Prior Application Status	Patented					Remove

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1028.7
		Application Number	
Title of Invention	Wireless Digital Audio Music System		

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
12144729	Continuation of	10648012	2003-08-26	7412294	2008-08-12
Prior Application Status	Abandoned			Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)		
10648012	Continuation in part of	10027391	2001-12-21		
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.					Add

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

Application Number	Country ¹	Filing Date (YYYY-MM-DD)	Priority Claimed	
			<input type="radio"/> Yes <input type="radio"/> No	
Additional Foreign Priority Data may be generated within this form by selecting the Add button.				

Authorization to Permit Access:

Authorization to Permit Access to the Instant Application by the Participating Offices
<p>If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application.</p> <p>In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application.</p> <p>In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing this Authorization.</p>

Applicant Information:

<p>Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.</p>
--

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1028.7
	Application Number	
Title of Invention	Wireless Digital Audio Music System	

Applicant	1	<input type="button" value="Remove"/>
<p>If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.</p>		
<input type="button" value="Clear"/>		
Assignee	Legal Representative under 35 U.S.C. 117	Joint Inventor
Person to whom the inventor is obligated to assign.		Person who shows sufficient proprietary interest
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:		
<div style="border: 1px solid black; height: 20px; width: 100%;"></div>		
Name of the Deceased or Legally Incapacitated Inventor : <input style="width: 90%;" type="text"/>		
If the Applicant is an Organization check here. <input type="checkbox"/>		

Prefix	Given Name	Middle Name	Family Name	Suffix
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Mailing Address Information:				
Address 1	<input type="text"/>			
Address 2	<input type="text"/>			
City	<input type="text"/>	State/Province	<input type="text"/>	<input type="text"/>
Country	<input type="text"/>	Postal Code	<input type="text"/>	<input type="text"/>
Phone Number	<input type="text"/>	Fax Number	<input type="text"/>	<input type="text"/>
Email Address	<input type="text"/>			
Additional Applicant Data may be generated within this form by selecting the Add button.				<input type="button" value="Add"/>

Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.	
Assignee	1
<p>Complete this section only if non-applicant assignee information is desired to be included on the patent application publication in accordance with 37 CFR 1.215(b). Do not include in this section an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest), as the patent application publication will include the name of the applicant(s).</p>	
<input type="button" value="Remove"/>	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1028.7
	Application Number	
Title of Invention	Wireless Digital Audio Music System	

If the Assignee is an Organization check here. <input checked="" type="checkbox"/>			
Organization Name	One-E-Way Inc.		
Mailing Address Information:			
Address 1	PO Box 70848		
Address 2			
City	Pasadena	State/Province	CA
Country ⁱ	US	Postal Code	91107
Phone Number	919 625 4966	Fax Number	
Email Address	earl@one-e-way.com		
Additional Assignee Data may be generated within this form by selecting the Add button.			<input type="button" value="Add"/>

Signature:

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications					
Signature	/Megan Lyman/			Date (YYYY-MM-DD)	2013-02-25
First Name	Megan	Last Name	Lyman	Registration Number	57054
Additional Signature may be generated within this form by selecting the Add button.					<input type="button" value="Add"/>

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	13775754			
Filing Date:	25-Feb-2013			
Title of Invention:	Wireless Digital Audio Music System			
First Named Inventor/Applicant Name:	C. Earl Woolfork			
Filer:	Megan Elizabeth Lyman			
Attorney Docket Number:	1028.7			
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Pet. Delay Sub or Restore Priority-Claim	2454	1	850	850
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				850

Electronic Acknowledgement Receipt

EFS ID:	25078786
Application Number:	13775754
International Application Number:	
Confirmation Number:	1030
Title of Invention:	Wireless Digital Audio Music System
First Named Inventor/Applicant Name:	C. Earl Woolfork
Customer Number:	68533
Filer:	Megan Elizabeth Lyman
Filer Authorized By:	
Attorney Docket Number:	1028.7
Receipt Date:	02-MAR-2016
Filing Date:	25-FEB-2013
Time Stamp:	15:08:40
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$850
RAM confirmation Number	1513
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Certificate of Correction	RequestForCertificateofCorrection.pdf	70094	no	1
			27830401da28c4a216dda960c22fca30dc7fbbb		

Warnings:

Information:

2	Petition for review by the Office of Petitions	RequestForUnintentionalDelay.pdf	69951	no	1
			4028747a8dabd4c28a59ffff8b7614f377646185		

Warnings:

Information:

3	Application Data Sheet	ADSCorrected.pdf	1437593	no	6
			91f11c606e443ec676d0b2bfcade9105a8fc2937		

Warnings:

Information:

4	Fee Worksheet (SB06)	fee-info.pdf	30075	no	2
			92d4ca1735f2928eb1d289cf01e3199a3b650307		

Warnings:

Information:

Total Files Size (in bytes):			1607713		
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Commissioner for Patents
Office of Data Management Attention: Certificates of Correction Branch
P.O. Box 1450
Alexandria, VA 22313-1450

March 2, 2016

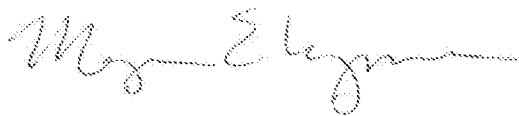
Request for Certificate of Correction

To Whom It May Concern:

The above application is set to issue currently. It was brought to my attention that domestic priority had not been perfected on the Application Data Sheet on January 22, 2016 and a replacement ADS was requested and submitted on February 2, 2016. I was made aware that this ADS was not accepted yesterday, March 1, 2016. The specification of this application clearly states priority and history, and the filing date should be corrected to December 21, 2001. While the error in perfection may be arguably placed on the office and thus correctable under 37 CFR 1.322, the error is also of a clerical nature and a mistake of minor character. It is thus respectfully requested that the Certificate of Correction be issued in this application to reflect the correct priority date. A Petition to Accept the Unintentional Delay of Claim for Priority is submitted herewith, along with the fee. Please do not hesitate to contact me with any questions or concerns.

March 2, 2016

Respectfully Submitted,



Megan E. Lyman, Registration No. 57,054
1816 Silver Mist Ct.
Raleigh, NC 27613
melyman@lymanpatents.com
(919) 341-4023 (phone)
(919) 341-0271 (fax)

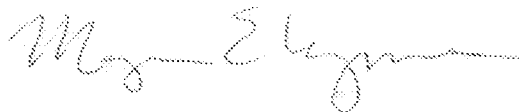
Submission of Supplemental Application Data Sheet

To Whom It May Concern:

The above application was filed February 25, 2013. The Application Data Sheet submitted therewith did not indicate the type of application filed. As noted in the document, "Notice to File Corrected Application Papers" mailed January 22, 2016, a submission of a corrected ADS will correct the error, a corrected ADS is submitted herewith. This ADS is not submitted as an EFS web form, as the option to edit on the system is presently unavailable. Thus, it is respectfully requested that this hard copy, possessing underlining for new information, and strikethrough as to old be accepted. Please do not hesitate to contact me with any questions or concerns.

March 31, 2016

Respectfully Submitted,



Megan E. Lyman, Registration No. 57,054
1816 Silver Mist Ct.
Raleigh, NC 27613
melyman@lymanpatents.com
(919) 341-4023 (phone)
(919) 341-0271 (fax)

Electronic Acknowledgement Receipt

EFS ID:	25363489
Application Number:	13775754
International Application Number:	
Confirmation Number:	1030
Title of Invention:	Wireless Digital Audio Music System
First Named Inventor/Applicant Name:	C. Earl Woolfork
Customer Number:	68533
Filer:	Megan Elizabeth Lyman
Filer Authorized By:	
Attorney Docket Number:	1028.7
Receipt Date:	31-MAR-2016
Filing Date:	25-FEB-2013
Time Stamp:	16:24:19
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	ADSUnderlinedFinalScan.pdf	6684325 <small>ab0b2a09d6540196409bbc5f48539568b9a90cb7</small>	no	5

Warnings:

Information:

This is not an USPTO supplied ADS fillable form

2	Transmittal Letter	TransmittalLetterforNewADS3.pdf	71528 e25858acca33863580aae3a7c8002b7ded5ad047	no	1
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Warnings:

Information:

Total Files Size (in bytes): 6755853

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1028.7
		Application Number	
Title of Invention	Wireless Digital Audio Music System		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2

Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
Mr.	C.	Earl	Woolfork	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Pasadena	State/Province	CA	Country of Residence
				US
Mailing Address of Inventor:				
Address 1	PO Box 70848			
Address 2				
City	Pasadena	State/Province	CA	
Postal Code	91107	Country:	US	
All Inventors Must Be Listed - Additional inventor information blocks may be generated within this form by selecting the Add button. Add				

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).

An Address is being provided for the correspondence information of this application.

Customer Number	58533
Email Address	melyman@lymanpatents.com

Add Email Remove Email

Application Information:

Title of the Invention	Wireless Digital Audio Music System		
Attorney Docket Number	1028.7	Small Entity Status Claimed	<input checked="" type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)	2614		
Total Number of Drawing Sheets (if any)	3	Suggested Figure for Publication (if any)	1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1028.7
		Application Number	
Title of Invention	Wireless Digital Audio Music System		

Publication Information:

<input type="checkbox"/>	Request Early Publication (Fee required at time of Request 37 CFR 1.219)
<input type="checkbox"/>	Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	58533		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
13775754	Continuation of	13356949	2013-02-25	9282396	2015-03-26
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
13356949	Continuation of	12940747	2010-11-05	8131391	2012-03-06
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
12940747	Continuation of	12570343	2009-09-30	7865256	2011-01-04
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
12570343	Continuation of	12144729	2008-07-12	7684885	2010-03-23
Prior Application Status	Patented		Remove		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1028.7		
		Application Number			
Title of Invention	Wireless Digital Audio Music System				
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
12144729	Continuation of	10648012	2003-08-26	7412294	2008-08-12
Prior Application Status	Abandoned		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)		
10648012	Continuation in part of	10027391	2001-12-21		
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.					

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).			
			<input type="button" value="Remove"/>
Application Number	Country ¹	Filing Date (YYYY-MM-DD)	Priority Claimed
			<input checked="" type="radio"/> Yes <input type="radio"/> No
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			

Authorization to Permit Access:

Authorization to Permit Access to the Instant Application by the Participating Offices

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing this Authorization.

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1028.7
		Application Number	
Title of Invention	Wireless Digital Audio Music System		

Applicant 1		
<p>If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.</p>		
<input type="button" value="Clear"/>		
<input type="radio"/> Assignee	<input type="radio"/> Legal Representative under 35 U.S.C. 117	<input type="radio"/> Joint Inventor
<input type="radio"/> Person to whom the inventor is obligated to assign.	<input type="radio"/> Person who shows sufficient proprietary interest	
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:		
Name of the Deceased or Legally Incapacitated Inventor :		
If the Applicant is an Organization check here. <input type="checkbox"/>		

Prefix	Given Name	Middle Name	Family Name	Suffix

Mailing Address Information:				
Address 1				
Address 2				
City			State/Province	
Country		Postal Code		
Phone Number			Fax Number	
Email Address				

Additional Applicant Data may be generated within this form by selecting the Add button.

Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Assignee 1
Complete this section only if non-applicant assignee information is desired to be included on the patent application publication in accordance with 37 CFR 1.215(b). Do not include in this section an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest), as the patent application publication will include the name of the applicant(s).

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1028.7	
		Application Number		
Title of Invention	Wireless Digital Audio Music System			
If the Assignee is an Organization check here. <input checked="" type="checkbox"/>				
Organization Name	One-E-Way Inc.			
Mailing Address Information:				
Address 1	PO Box 70848			
Address 2				
City	Pasadena	State/Province	CA	
Country ⁱ	US	Postal Code	91107	
Phone Number	919 625 4966	Fax Number		
Email Address	earl@one-e-way.com			
Additional Assignee Data may be generated within this form by selecting the Add button.				

Signature:

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications				
Signature	/Megan Lyman/		Date (YYYY-MM-DD)	2016-03-31
First Name	Megan	Last Name	Lyman	Registration Number 57054
Additional Signature may be generated within this form by selecting the Add button.				

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

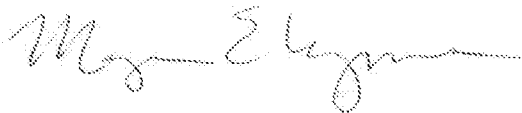
Submission of Supplemental Application Data Sheet

To Whom It May Concern:

The above application was filed February 25, 2013. The Application Data Sheet submitted therewith did not indicate the type of application filed. As noted in the document, "Notice to File Corrected Application Papers" mailed January 22, 2016, a submission of a corrected ADS will correct the error, a corrected ADS is submitted herewith. This ADS is not submitted as an EFS web form, as the option to edit on the system is presently unavailable. Thus, it is respectfully requested that this hard copy, possessing underlining for new information. This ADS supersedes any other corrected ADS filed and should be used for the review of this Petition. Please do not hesitate to contact me with any questions or concerns.

May 24, 2016

Respectfully Submitted,

A handwritten signature in cursive script, appearing to read "Megan E. Lyman".

Megan E. Lyman, Registration No. 57,054
1816 Silver Mist Ct.
Raleigh, NC 27613
melyman@lymanpatents.com
(919) 259-6826 (phone)
(919) 341-0271 (fax)

Electronic Acknowledgement Receipt

EFS ID:	25875279
Application Number:	13775754
International Application Number:	
Confirmation Number:	1030
Title of Invention:	Wireless Digital Audio Music System
First Named Inventor/Applicant Name:	C. Earl Woolfork
Customer Number:	68533
Filer:	Megan Elizabeth Lyman
Filer Authorized By:	
Attorney Docket Number:	1028.7
Receipt Date:	24-MAY-2016
Filing Date:	25-FEB-2013
Time Stamp:	20:02:00
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	CorrectedADS0516.pdf	19340513 <small>b977a2966b1766e8b9af816abf74d0aa265b54b7</small>	no	5

Warnings:

Information:

This is not an USPTO supplied ADS fillable form

2	Transmittal Letter	TransmittalLetterforNewADS.pdf	68951	no	1
			9644aea42b088b7164fcc8bc2cadbbf0476a dbd4		

Warnings:

Information:

Total Files Size (in bytes): 19409464

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1028.7
		Application Number	13/775,754
Title of Invention	Wireless Digital Audio Music System		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2

<input type="checkbox"/>	Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)
--------------------------	---

Inventor Information:

Inventor 1 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
Mr.	C.	Earl	Woolfork	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Pasadena	State/Province	CA	Country of Residence
				US
Mailing Address of Inventor:				
Address 1	PO Box 70848			
Address 2				
City	Pasadena	State/Province	CA	
Postal Code	91107	Country	US	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. Add				

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).				
<input type="checkbox"/> An Address is being provided for the correspondence information of this application.				
Customer Number	68533			
Email Address	melyman@lymanpatents.com	Add Email		Remove Email

Application Information:

Title of the Invention	Wireless Digital Audio Music System			
Attorney Docket Number	1028.7	Small Entity Status Claimed <input checked="" type="checkbox"/>		
Application Type	Nonprovisional			
Subject Matter	Utility			
Suggested Class (if any)		Sub Class (if any)		
Suggested Technology Center (if any)	2614			
Total Number of Drawing Sheets (if any)	3	Suggested Figure for Publication (if any)	1	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1028.7
	Application Number	131775,754
Title of Invention	Wireless Digital Audio Music System	

Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

- Assignee

 Legal Representative under 35 U.S.C. 117

 Joint inventor
- Person to whom the inventor is obligated to assign.

 Person who shows sufficient proprietary interest

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor :

If the Applicant is an Organization check here.

Prefix	Given Name	Middle Name	Family Name	Suffix

Mailing Address Information:

Address 1				
Address 2				
City		State/Province		
Country		Postal Code		
Phone Number		Fax Number		
Email Address				

Additional Applicant Data may be generated within this form by selecting the Add button.

Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Assignee 1

Complete this section only if non-applicant assignee information is desired to be included on the patent application publication in accordance with 37 CFR 1.215(b). Do not include in this section an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest), as the patent application publication will include the name of the applicant(s).

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1028.7
	Application Number	13/775,754
Title of Invention	Wireless Digital Audio Music System	

Publication Information:
 Request Early Publication (Fee required at time of Request 37 CFR 1.219)

 Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.
Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
--------------------	--	--	---

Customer Number	68533
-----------------	-------

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>13775754</u>	<u>Continuation of</u>	<u>13356949</u>	<u>2013-02-25</u>	<u>8282396</u>	<u>2015-03-06</u>
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>13356949</u>	<u>Continuation of</u>	<u>12940747</u>	<u>2012-01-24</u>	<u>9107000</u>	<u>2015-08-11</u>
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>12940747</u>	<u>Continuation of</u>	<u>12570343</u>	<u>2010-11-05</u>	<u>8131391</u>	<u>2012-03-06</u>
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>12570343</u>	<u>Continuation of</u>	<u>12144729</u>	<u>2009-09-30</u>	<u>7865256</u>	<u>2011-01-04</u>
Prior Application Status	Patented		Remove		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1028.7
		Application Number	13/775,754
Title of Invention	Wireless Digital Audio Music System		

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
12144729	Continuation of	10648012	2008-07-12	7684885	2010-03-23
Prior Application Status		Patented		Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
10648012	Continuation in part of	10027391	2003-08-26	7412294	2008-08-12
Prior Application Status		Abandoned		Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)		
10027391			2001-12-21		

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

Application Number	Country	Filing Date (YYYY-MM-DD)	Priority Claimed
			<input checked="" type="radio"/> Yes <input type="radio"/> No

Additional Foreign Priority Data may be generated within this form by selecting the Add button.

Authorization to Permit Access:

Authorization to Permit Access to the Instant Application by the Participating Offices

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application.

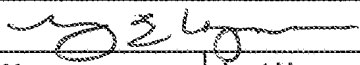
In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing this Authorization.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1028.7	
		Application Number	131775,754	
Title of Invention	Wireless Digital Audio Music System			
If the Assignee is an Organization check here. <input checked="" type="checkbox"/>				
Organization Name	One-E-Way Inc.			
Mailing Address Information:				
Address 1	PO Box 70848			
Address 2				
City	Pasadena	State/Province	CA	
Country ¹	US	Postal Code	91107	
Phone Number	919 625 4966	Fax Number		
Email Address	earl@one-e-way.com			
Additional Assignee Data may be generated within this form by selecting the Add button.				

Signature:

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications					
Signature			Date (YYYY-MM-DD)	2016-05-24	
First Name	Megan	Last Name	Lyman	Registration Number	57054
Additional Signature may be generated within this form by selecting the Add button.					

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
13/775,754 02/25/2013 C. Earl Woolfork 1028.7 1030

68533 7590 07/15/2016
MEGAN LYMAN
1816 SILVER MIST CT.
RALEIGH, NC 27613

Table with 1 column: EXAMINER

FLANDERS, ANDREW C

Table with 2 columns: ART UNIT, PAPER NUMBER

2656

Table with 2 columns: NOTIFICATION DATE, DELIVERY MODE

07/15/2016

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

MELYMAN@LYMANPATENTS.COM



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

In re Patent No. 9,282,396 :
Issue Date: March 8, 2016 :
Application No. 13/775,754 : DECISION ON PETITION
Filed: February 25, 2013 : UNDER 37 CFR 1.78(e)
Patentee(s): C. Earl Woolfork :

This is a decision on the petition, filed March 2, 2016, which is being treated a petition under 37 CFR § 1.78(e), to accept an unintentionally delayed claim under 35 U.S.C. § 120 for the benefit of priority to the prior-filed nonprovisional applications set forth in the Application Data Sheet (ADS) filed May 24, 2016.

The petition is **dismissed**.

A petition for acceptance of a claim for late priority under 37 CFR § 1.78(e) is only applicable to those applications filed after the expiration of the period specified in 37 CFR § 1.78(d)(3). In addition, the petition under 37 CFR § 1.78(e) must be accompanied by:

- (1) the reference required by 35 U.S.C. § 120 and 37 CFR § 1.78(d)(2) of the prior-filed application, which must be filed in an Application Data Sheet, unless previously submitted;
- (2) the petition fee set forth in § 1.17(m); and
- (3) a statement that the entire delay between the date the claim was due under 37 CFR § 1.78(d)(3) and the date the claim was filed was unintentional. The Director may require additional information where there is a question whether the delay was unintentional.

The instant petition does not comply with item (1). In this regard, since the application has issued as patent, a petition under 37 CFR 1.78(e), along with the submission of a Certificate of Correction, would be the appropriate avenue of relief to accept a late claim for the benefit of priority to the prior-filed nonprovisional applications. *See* MPEP 1481.03.

If applicant desires to add the claim for priority on the front page of the Letters Patent, by way of a Certificate of Correction, then petitioner must submit (1) a renewed petition under 37 CFR 1.78(e), no further petition fee required; and (2) a Request for a Certificate of Correction (Form No. PTO/SB/44), including the \$100 fee.

Art Unit: OPET

Additionally, the ADS filed May 24, 2015 is improper. Specifically, the filing date, patent number and issue date of each prior-filed application listed is wrong. Also, the continuity type and prior application number of 10/027,391 is missing, and as stated above, the filing date listed for Application No. 10/027,391 is wrong.

In view of the above, the present petition cannot be granted at this time.

If reconsideration of this decision is desired, a renewed petition under 37 CFR § 1.78(e) and an ADS (complying with the provisions of 37 CFR 1.76(b)(5) and 37 CFR 1.76(c)) to correct the above matter is required.

Further correspondence with respect to this matter should be delivered through one of the following mediums:

By mail: Mail Stop PETITIONS
 Commissioner for Patents
 Post Office Box 1450
 Alexandria, VA 22313-1450

By hand: Customer Service Window
 Mail Stop Petitions
 Randolph Building
 401 Dulany Street
 Alexandria, VA 22314

By fax: (571) 273-8300
 ATTN: Office of Petitions

By internet: EFS-Web¹

Any questions concerning this matter may be directed to undersigned at (571) 272-3226.

/Andrea Smith
Andrea Smith
Lead Paralegal Specialist
Office of Petitions

¹ www.uspto.gov/ebc/efs_help.html (for help using EFS-Web call the Patent Electronic Business Center at (866) 217-9197)

Office of Petitions: Routing Sheet



Application No. 13/775,754

This application is being forwarded to your office for further processing. A decision has been rendered on a petition filed in this application, as indicated below. For details of this decision, please see the document PET.OP.DEC filed on the same date as this document.

GRANTED

DISMISSED

DENIED

Office of Petitions: Decision Count Sheet

Mailing Month

7

Application No.

13775754



For US serial numbers: enter number only, no slashes or commas. Ex: 10123456

For PCT: enter "51+single digit of year of filing+last 5 numbers", Ex. for PCT/US05/12345, enter 51512345

Deciding Official:

SMITH, ANDREA

Count (1) - Palm Credit

13/775,754

Decision: DISMISSED

FINANCE WORK NEEDED

Select Check Box for YES



Decision Type:

535 - 37 CFR 1.78(a)(3) & (a)(6) UNINTENTIONAL DELAY PRIORITY CLAIM and 37 CFR 1.55(c)

Notes:

Count (2)

Decision: n/a

FINANCE WORK NEEDED

Select Check Box for YES

Decision Type:

NONE

Notes:

Count (3)

Decision: n/a

FINANCE WORK NEEDED

Select Check Box for YES

Decision Type:

NONE

Notes:

Initials of Approving Official (if required)

If more than 3 decisions, attach 2nd count sheet & mark this box

Printed on: 7/12/2016

Office of Petitions Internal Document - Ver. 5.0

Commissioner for Patents
Office of Data Management Attention: Petitions Branch
P.O. Box 1450
Alexandria, VA 22313-1450

August 3, 2016

Renewed Request for Petition for Unintentional Delayed Claim of Priority

To Whom It May Concern:

The above application has issued as Patent No. 9,282,396. It was brought to my attention that domestic priority had not been perfected on the Application Data Sheet on January 22, 2016 and a replacement ADS was requested and submitted on February 2, 2016. The specification of this application clearly states priority and history, and the filing date should be corrected to December 21, 2001. A first Petition for Unintentionally Delayed Claim for Priority was submitted on March 2, 2016. That petition was dismissed on July 15, 2016 for an improper claim of priority. It is believed that the current submission contains a corrected Application Data Sheet in accordance with 37 CFR 1.78

The delay in perfecting this claim for priority was entirely unintentional. Thus, it is respectfully requested that this Renewed Petition for Unintentionally Delayed Claim for Priority, in response to the dismissal issued on July 15 now be allowed under 37 CFR 1.78. A copy of the corrected ADS, as well as a request for a Certificate of Correction are filed herewith. No fee for the Petition is submitted, as this fee has been paid, the fee for the Certificate of Correction is submitted herewith.

Please do not hesitate to contact me with any questions or concerns.

August 3, 2016

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Megan E. Lyman". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Megan E. Lyman, Registration No. 57,054
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO., EXAMINER, ART UNIT, PAPER NUMBER, NOTIFICATION DATE, DELIVERY MODE. Includes application details for C. Earl Woolfork and examiner Andrew C. Flanders.

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

MELYMAN@LYMANPATENTS.COM



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

In re Patent No. 9,282,396 :
Issue Date: March 8, 2016 :
Application No. 13/775,754 : DECISION ON PETITION
Filed: February 25, 2013 : UNDER 37 CFR 1.78(e)
Patentee(s): C. Earl Woolfork :

This is a decision on the petition, filed March 2, 2016, which is being treated a petition under 37 CFR § 1.78(e), to accept an unintentionally delayed claim under 35 U.S.C. § 120 for the benefit of priority to the prior-filed nonprovisional applications set forth in the Application Data Sheet (ADS) filed May 24, 2016.

The petition is **dismissed**.

A petition for acceptance of a claim for late priority under 37 CFR § 1.78(e) is only applicable to those applications filed after the expiration of the period specified in 37 CFR § 1.78(d)(3). In addition, the petition under 37 CFR § 1.78(e) must be accompanied by:

- (1) the reference required by 35 U.S.C. § 120 and 37 CFR § 1.78(d)(2) of the prior-filed application, which must be filed in an Application Data Sheet, unless previously submitted;
- (2) the petition fee set forth in § 1.17(m); and
- (3) a statement that the entire delay between the date the claim was due under 37 CFR § 1.78(d)(3) and the date the claim was filed was unintentional. The Director may require additional information where there is a question whether the delay was unintentional.

The instant petition does not comply with item (1). In this regard, since the application has issued as patent, a petition under 37 CFR 1.78(e), along with the submission of a Certificate of Correction, would be the appropriate avenue of relief to accept a late claim for the benefit of priority to the prior-filed nonprovisional applications. *See* MPEP 1481.03.

If applicant desires to add the claim for priority on the front page of the Letters Patent, by way of a Certificate of Correction, then petitioner must submit (1) a renewed petition under 37 CFR 1.78(e), no further petition fee required; and (2) a Request for a Certificate of Correction (Form No. PTO/SB/44), including the \$100 fee.

Art Unit: OPET

Additionally, the ADS filed May 24, 2015 is improper. Specifically, the filing date, patent number and issue date of each prior-filed application listed is wrong. Also, the continuity type and prior application number of 10/027,391 is missing, and as stated above, the filing date listed for Application No. 10/027,391 is wrong.

In view of the above, the present petition cannot be granted at this time.

If reconsideration of this decision is desired, a renewed petition under 37 CFR § 1.78(e) and an ADS (complying with the provisions of 37 CFR 1.76(b)(5) and 37 CFR 1.76(c)) to correct the above matter is required.

Further correspondence with respect to this matter should be delivered through one of the following mediums:

By mail: Mail Stop PETITIONS
 Commissioner for Patents
 Post Office Box 1450
 Alexandria, VA 22313-1450

By hand: Customer Service Window
 Mail Stop Petitions
 Randolph Building
 401 Dulany Street
 Alexandria, VA 22314

By fax: (571) 273-8300
 ATTN: Office of Petitions

By internet: EFS-Web¹

Any questions concerning this matter may be directed to undersigned at (571) 272-3226.

/Andrea Smith
Andrea Smith
Lead Paralegal Specialist
Office of Petitions

¹ www.uspto.gov/ebc/efs_help.html (for help using EFS-Web call the Patent Electronic Business Center at (866) 217-9197)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 9282396
APPLICATION NO.: 13/775,754
ISSUE DATE : 2015-03-08
INVENTOR(S) : C. Earl Woolfork

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:
The proper chain of priority is perfected in the Application Data Sheet submitted and is as follows:

The current application is a continuation of Application No. 13/356,949 filed January 1, 2012 and issued as Patent No. 9,107,000 on August 11, 2015, which is a continuation of Application No. 12/940,747 filed November 5, 2010 and issued as Patent No. 8,131,391 on March 6, 2012, which is a continuation of Application No. 12/570,343 filed September 30, 2009 and issued as Patent No. 7,865,258 on January 4, 2011, which is a continuation of Application No. 12/144,729 filed July 12, 2008 and issued as Patent No. 7,684,885 on March 23, 2010, which is a continuation of Application No. 10/648,012 filed August 26, 2003 and issued as Patent No. 7,412,294 on August 12, 2008, which is a continuation of Application No. 10/027,391 filed on December 21, 2001.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Megan Lyman
1816 Silver Mist Ct.
Raleigh, NC 27613

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	13775754
Filing Date:	25-Feb-2013
Title of Invention:	Wireless Digital Audio Music System
First Named Inventor/Applicant Name:	C. Earl Woolfork
Filer:	Megan Elizabeth Lyman
Attorney Docket Number:	1028.7

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Certificate of Correction	1811	1	100	100

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				100

Electronic Acknowledgement Receipt

EFS ID:	26531101
Application Number:	13775754
International Application Number:	
Confirmation Number:	1030
Title of Invention:	Wireless Digital Audio Music System
First Named Inventor/Applicant Name:	C. Earl Woolfork
Customer Number:	68533
Filer:	Megan Elizabeth Lyman
Filer Authorized By:	
Attorney Docket Number:	1028.7
Receipt Date:	03-AUG-2016
Filing Date:	25-FEB-2013
Time Stamp:	11:19:08
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$100
RAM confirmation Number	080316INTEFSW11205600
Deposit Account	6344
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	ADSCorrectedAugFinal.pdf	9191570	no	5
			59811bdf3ba729ff832a8f2560fe99d2547df39a		
Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					
2	Petition for review by the Office of Petitions	RequestandDecision.pdf	182078	no	5
			4298913b7cac61bcf56eee951d1eaab1f7d46a37		
Warnings:					
Information:					
3	Request for Certificate of Correction	CertificateofCorrectionFormAugust.pdf	145982	no	2
			f03583aea5f45176ee8e0e3e4f56a689ea967ebc		
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	29742	no	2
			84ba801dee3fde6fad051de3a9df6b0c8a6cbb9		
Warnings:					
Information:					
Total Files Size (in bytes):			9549372		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1028.7
		Application Number	13/775,754
Title of Invention	Wireless Digital Audio Music System		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2

<input type="checkbox"/>	Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)
--------------------------	---

Inventor Information:

Inventor 1 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
Mr.	C.	Earl	Woolfork	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Pasadena	State/Province	CA	Country of Residence
				US
Mailing Address of Inventor:				
Address 1	PO Box 70848			
Address 2				
City	Pasadena	State/Province	CA	
Postal Code	91107	Country	US	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. Add				

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).					
<input type="checkbox"/> An Address is being provided for the correspondence information of this application.					
Customer Number	68533				
Email Address	melyman@lymanpatents.com			Add Email	Remove Email

Application Information:

Title of the Invention	Wireless Digital Audio Music System			
Attorney Docket Number	1028.7	Small Entity Status Claimed <input checked="" type="checkbox"/>		
Application Type	Nonprovisional			
Subject Matter	Utility			
Suggested Class (if any)		Sub Class (if any)		
Suggested Technology Center (if any)	2614			
Total Number of Drawing Sheets (if any)	3	Suggested Figure for Publication (if any)	1	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1028.7
	Application Number	13/775,754
Title of Invention	Wireless Digital Audio Music System	

Publication Information:
 Request Early Publication (Fee required at time of Request 37 CFR 1.219)

 Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.
Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	68533		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

Prior Application Status	<u>Patented</u>		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>13775754</u>	<u>Continuation of</u>	<u>13356949</u>	<u>2012-01-24</u>	<u>9107000</u>	<u>2015-08-11</u>
Prior Application Status	<u>Patented</u>		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>13356949</u>	<u>Continuation of</u>	<u>12940747</u>	<u>2010-11-05</u>	<u>8131391</u>	<u>2012-03-06</u>
Prior Application Status	<u>Patented</u>		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>12940747</u>	<u>Continuation of</u>	<u>12570343</u>	<u>2009-09-30</u>	<u>7865258</u>	<u>2011-01-04</u>
Prior Application Status	<u>Patented</u>		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
<u>12570343</u>	<u>Continuation of</u>	<u>12144729</u>	<u>2008-07-12</u>	<u>7684685</u>	<u>2010-03-23</u>
Prior Application Status	<u>Patented</u>		Remove		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1028.7
		Application Number	131775,754
Title of Invention	Wireless Digital Audio Music System		

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
12144723	Continuation of	10648012	2003-08-26	7412294	2008-08-12

Prior Application Status	Expired	<input type="button" value="Remove"/>
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Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10648012	Continuation in part of	10027391	2001-12-21

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

Application Number	Country ¹	Filing Date (YYYY-MM-DD)	Priority Claimed
			<input checked="" type="radio"/> Yes <input type="radio"/> No

Additional Foreign Priority Data may be generated within this form by selecting the Add button.

Authorization to Permit Access:

Authorization to Permit Access to the Instant Application by the Participating Offices

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing this Authorization.

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1028.7
	Application Number	
Title of Invention	Wireless Digital Audio Music System	

Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

- Assignee

 Legal Representative under 35 U.S.C. 117

 Joint Inventor
 Person to whom the inventor is obligated to assign.

 Person who shows sufficient proprietary interest

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here.

Prefix	Given Name	Middle Name	Family Name	Suffix

Mailing Address Information:

Address 1				
Address 2				
City		State/Province		
Country		Postal Code		
Phone Number		Fax Number		
Email Address				

Additional Applicant Data may be generated within this form by selecting the Add button.

Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.


Assignee 1

Complete this section only if non-applicant assignee information is desired to be included on the patent application publication in accordance with 37 CFR 1.215(b). Do not include in this section an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest), as the patent application publication will include the name of the applicant(s).

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1026.7	
		Application Number	131775,754	
Title of Invention	Wireless Digital Audio Music System			
If the Assignee is an Organization check here.		<input checked="" type="checkbox"/>		
Organization Name	One-E-Way Inc.			
Mailing Address Information:				
Address 1	PO Box 70848			
Address 2				
City	Pasadena	State/Province	CA	
Country ¹	US	Postal Code	91107	
Phone Number	919 625 4966	Fax Number		
Email Address	earl@one-e-way.com			
Additional Assignee Data may be generated within this form by selecting the Add button.				

Signature:

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications					
Signature			Date (YYYY-MM-DD)	2016-08-02	
First Name	Megan	Last Name	Lyman	Registration Number	57054
Additional Signature may be generated within this form by selecting the Add button.					

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.