

EXHIBIT 25



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D. [Signature]
10/06/94

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICANTS:	Paulick, Thomas E.	EXAMINER:	Pham, C.
SERIAL NO.:	08/023,234	GROUP:	2611
FILED:	February 25, 1993	CASE NO.:	CE00802R
ENTITLED:	Receiver Having Concealed External Antenna		

Motorola, Inc.
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1303 E. Algonquin Road
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August 26, 1994

AMENDMENT under 37 C.F.R. 1.115

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated May 26, 1994, please amend the claims as follows:

In The Specification:

On page 6, line 29: insert --to produce integral contacts 308 and 310-- after the reference number "210".

On page 6, line 34: insert --integral-- before the word "contacts".

On page 7, line 3: substitute "FIG. 1" with number --FIG. 2--.

On page 4, line 13: substitute "****" with --1293A--; and on line 16 substitute "model number ***" with --named "Bravo"--.

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In The Claims:

Sub C1
A1
Sub C2

1. (Amended) A combination radiotelephone/pager unit including a user interface, comprising:
a housing enclosing radiotelephone and pager circuitry;
a radiotelephone antenna coupled to the radiotelephone circuitry; and
a pager antenna coupled to the pager circuitry and [forming a loop substantially surrounding the user interface] disposed between the housing and at least a portion of the user interface.

2. (Amended) A combination radiotelephone/pager unit according to claim 1 further comprising [means, coupled to the housing,] a shield for shielding at least one of the radiotelephone and pager circuitry.

3. (Amended) A combination radiotelephone/pager unit according to claim 1 wherein the user interface [element] further comprises at least one of the following: an acoustic, a visual and a tactile interface.

4. A combination radiotelephone/pager unit according to claim 3 wherein the acoustic, visual and tactile interface further comprises an electroacoustic transducer, a display and a switch, respectively.

5. Please cancel, without prejudice.

6. A combination radiotelephone/pager unit according to claim 1 wherein the pager antenna is integrally formed with at least a portion of the user interface.

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Sub C2

(Amended) A combination radiotelephone/pager unit comprising:
a housing enclosing radiotelephone and pager circuitry;
a radiotelephone antenna coupled to the radiotelephone circuitry;
a pager antenna coupled to the pager circuitry and [disposed on] attached to an outside surface of the housing; and
a cover for concealing the pager antenna such that the pager antenna is unnoticeable to a user of the unit.

8. A combination radiotelephone/pager unit according to claim 7 wherein the cover further comprises at least one of the following: a hand grip, a keypad, a lens, an escutcheon, a keypad and a cap.

A-2

9. (Amended) A combination radiotelephone/pager unit according to claim 7 further comprising [means, coupled to the housing,] a shield for shielding at least one of the radiotelephone and pager circuitry.

10. A combination radiotelephone/pager unit according to claim 7 wherein the pager antenna is disposed between the outside surface of the housing and the cover.

11. A combination radiotelephone/pager unit according to claim 7 wherein the pager antenna is integrally formed with the cover.

12. A combination radiotelephone/pager unit according to claim 7 wherein the pager antenna further comprises a loop antenna.

13. A combination radiotelephone/pager unit according to claim 12 further comprises user interface substantially surrounded by the loop antenna.

14. A combination radiotelephone/pager unit according to claim 13 wherein the user interface further comprises at least one of the following: an acoustic, a visual and a tactile interface.

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15. (Amended) A receiver including a user interface comprising:
a housing;
receiver circuitry disposed in the housing;
[user interface coupled to the receiver circuitry;] and
an antenna coupled to the receiver circuitry and [forming a loop substantially surrounding the user interface] disposed between the housing and at least a portion of the user interface.

16. A receiver according to claim 15 wherein the user interface further comprises at least one of the following: an acoustic, a visual and a tactile interface.

17. A receiver according to claim 15 wherein the acoustic, visual and tactile interface further comprises an electroacoustic transducer, a display and a switch, respectively.

18. Please cancel, without prejudice.

19. A receiver according to claim 15 wherein the antenna is integrally formed with at least a portion of the user interface.

A 5 Sub 20
C4

20. (Amended) A receiver comprising:
a housing;
receiver circuitry disposed in the housing;
an antenna coupled to the receiver circuitry and [disposed on] attached to
an outside surface of the housing; and
a cover for concealing the antenna such that the antenna is unnoticeable to
a user of the unit.

Rule 126

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¹⁷
[21] ²¹22. A receiver according to claim ¹⁷20 wherein the cover further comprises at least one of the following: a hand grip, a keypad, a lens, an escutcheon, a keypad and a cap.

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[21] ²²23. A receiver according to claim 20 wherein the antenna is disposed between the outside surface of the housing and the cover.

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[22] ²¹24. A receiver according to claim ¹⁷20 wherein the antenna is integrally formed with the cover.

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[23] ²¹25. A receiver according to claim ¹⁷20 wherein the antenna further comprises a loop antenna.

A 6

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[24] ²⁰26. (Amended) A receiver according to claim [23] ²¹25 further comprises a user interface substantially surrounded by the loop antenna.

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7 [25] ²⁵21. (Amended) A receiver according to claim [20] ²⁵26 wherein the user interface further comprises at least one of the following: an acoustic, a visual and a tactile interface.

REMARKS

All claims originally filed have been reproduced for the examiner's convenience during examination.

Responsive to the examiner's point 2, the claims have been renumbered using the examiner's numbering system.

Responsive to the examiner's point 3, claim 26 has been amended to overcome the examiner's rejection.

Responsive to the examiner's points 4-5, claims 1 and 15 have been amended to overcome the examiner's rejection. Claims 5 and 18 have been cancelled, without prejudice.

Responsive to the examiner's point 6, the applicant submits that the examiner's characterization of Kawamoto is incorrect. Specifically, the examiner states that the ferrite case 2 is a "housing". However, as stated in the abstract of Kawamoto, the ferrite case 2 functions as the core of the antenna. The applicant submits that a part of an antenna is not the same as a housing. Therefore, the applicant submits that claims 20-26 are allowable over Kawamoto.

Responsive to the examiner's points 7-8, the applicant submits that the examiner's combination of references does not meet the limitations of the claimed invention as now claimed in claim 7. Specifically, the applicant submits that the present claim language "attached to" is distinguishable over the prior claim language "disposed on". Note that claim 20 has been amended in the same way. Therefore, the applicant submits that claims 7-14 are allowable over Krenz et al. in view of Metroka.

Accordingly, Applicants respectfully request reconsideration of the claims and passage to allowance at the earliest possible date.

Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner of Patents and Trademarks
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by Kevin D. Kaschke
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on 8-26-94
Date