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Form PTO-1595 (Rev. 10/02)

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OMB No. 0651-0027 (exp. 6/30/2005)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 4-3004
1) Roy J. Riccomini 5) Scott W. Summit
2) Timothy D. Twerdahl
3) Byron J. Connell
4) Scott D. Lincke
Additional name(s) of conveying party(ies) attached? [ ] Yes [x] No

2. Name and address of receiving party(ies)
Name: Tapwave, Inc.
Internal Address:
Street Address: 1901 Landings Drive, Bldg G
City: Mountain View State: CA Zip: 94043
Additional name(s) & address(es) attached? [ ] Yes [x] No

3. Nature of conveyance:
[x] Assignment [ ] Merger
[ ] Security Agreement [ ] Change of Name
[ ] Other
Execution Date: 04/29/2004

4. Application number(s) or patent number(s): 29204595
If this document is being filed together with a new application, the execution date of the application is: 04/30/2004
A. Patent Application No.(s)
B. Patent No.(s)
Additional numbers attached? [ ] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Carr & Ferrell LLP
Internal Address:
Street Address: 2200 Geng Road
City: Palo Alto State: CA Zip: 94303

6. Total number of applications and patents involved: [1]
7. Total fee (37 CFR 3.41).....\$ 40.00
[x] Enclosed
[x] Authorized to be charged to deposit account
8. Deposit account number:
06-0600
05/05/2004 FFANAI2 00000102 29204595
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9. Signature.
Robert D. Hayden, Reg. No. 42,645
Name of Person Signing
Signature
April 30, 2004
Date

Total number of pages including cover sheet, attachments, and documents: [3]

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 015299 FRAME: 0221

22154 U.S. PTO
29/204596



043004

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, **Roy J. Riccomini, Timothy D. Twerdahl, Byron J. Connell, Scott D. Lincke, and Scott W. Summit**, do hereby sell, assign, and transfer to **Tapwave, Inc.**, a corporation with offices at **1901 Landings Drive, Bldg G, Mountain View, CA 94043** ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in United States patent application filed **herewith** and entitled:

**"Action Triggers Embedded in Mid-Frame of a Handheld Device"**


and in and to said application and all utility, divisional, continuing, substitute, renewal, reissue, and all other patent applications which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States patent application; and

Agree that said Assignee may apply for and receive patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history


thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 4/29/06

Name:   
 Roy J. Riccomini

Date: 4/29/04

Name:   
 Timothy D. Twerdahl

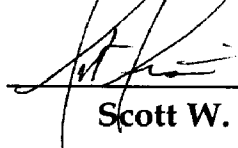
Date: 4/29/04

Name:   
 Byron J. Connell

Date: 4/29/04

Name:   
 Scott D. Lincke

Date: 4/29/04

Name:   
 Scott W. Summit