

04-24-2002



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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

1. Name of conveying party(ies): Bounthavy K. Manivone Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies) Name: Directed Electronics, Inc. Internal Address: Street Address: One Viper Way City: Vista State: CA Zip: 92083

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: 01/02/02

4. Application number(s) or patent number(s): A. Patent Application No.(s) 29/153385 B. Patent No.(s) Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Molly Tinoco Internal Address: Street Address: One Viper Way City: Vista State: CA Zip: 92083

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 041160

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9. Signature: Molly Tinoco Molly Tinoco 4-8-02 Name of Person Signing Signature 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

04/23/2002 TDIAZ1 00000191 041160 29153385 01 FC:581 40.00 CH

PATENT REEL: 012807 FRAME: 0242

OFFICE OF PATENT PRODUCTS FINANCE SECTION 2002 APR 26 11:21

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, Bounthavy K. Manivone, having a business address of One Viper Way, Vista, California 92083, am an inventor of a device, described, disclosed and claimed in the United States Design Patent Application entitled EXTERNAL RECEIVER CASE, which was filed on December 28, 2001 has not yet been assigned an application serial number; and,

WHEREAS, DIRECTED ELECTRONICS, INC. is a corporation and citizen of the State of California, duly licensed to exist therein, whose post office address is One Viper Way, Vista, California 92083, is desirous of affirming or in the alternative reaffirming its right to unequivocally acquire, possess and assert the entire right, title and interest in the same;

NOW, THEREFORE, in exchange for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I, BOUNTHAVY K. MANIVONE, do assign and transfer unto DIRECTED ELECTRONICS, INC., the full, unequivocal and exclusive right, title and interest to said invention and the entire right, title and interest in and to any and all Letters Patent which may be granted in the United States or elsewhere in other jurisdictions.

I hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to DIRECTED ELECTRONICS, INC., as the assignee of the entire right, title and interest in and to the same, for its sole use and behoove; and for the use and behoove of its determination and legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me, had this assignment and sale not have been made.

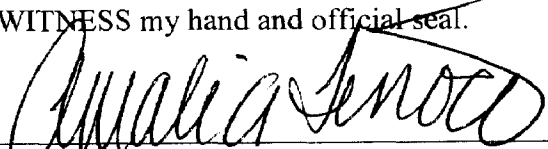
Executed this 2 day of January, 2002, at One Viper Way, Vista, California.



BOUNTHAVY K. MANIVONE

STATE OF CALIFORNIA
COUNTY OF SAN DIEGO

On 1-2, 2002 before me, AMALIA TINOCO, notary public, personally appeared BOUNTHAVY K. MANIVONE personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.


AMALIA TINOCO, Notary Public

