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PATENTS ONLY

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Attorney Docket Number 10075-003-99

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Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Advanced Radio Cells, Inc.	2. Name and address of receiving party(ies): Name: <u>ArcWave, Inc.</u> Address: <u>910 Campisi Way, Suite 1C</u> <u>Campbell, California 95008</u>
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Country (if other than USA):
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment Merger Security Agreement Change of Name Other	
Execution Date: <u>July 3, 2003</u>	

4. Application number(s) or patent number(s): 09/397,402

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) _____

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed: PENNIE & EDMONDS LLP 3300 Hillview Avenue Palo Alto, California 94304	6. Number of applications and patents involved: <u>1</u>
	7. Total fee (37 CFR 3.41):.....\$ 40.00 Please charge to the deposit account listed in Section 8.
	8. Deposit account number: <u>16-1150</u>

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Francis E. Morris

24,615

Name of Person Signing

Reg. No.

Signature

July 8, 2003

Date

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07/18/2003 09:01:11 00000116 161150 09397402

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CA1: 348502.1

PATENT
 REEL: 014274 FRAME: 0547

ASSIGNMENT

WHEREAS, Advanced Radio Cells, Inc., a California Corporation, ASSIGNOR, is the owner of the invention that is the subject of the following patent application:

U.S. Patent Application Serial No. 09/397,402, filed September 16, 1999 entitled: APPARATUS AND METHOD FOR HIGH-SPEED WIRELESS UPSTREAM DATA TRANSMISSION USING CATV-COMPATIBLE MODEMS

and WHEREAS, ArcWave, Inc., a Delaware Corporation, ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said patent application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said patent application and all divisions, renewals and continuations thereof, and all patents which have been or may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which have been or may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said patents and applications under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

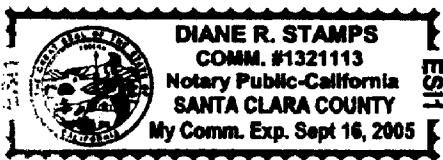
AND ASSIGNOR HEREBY conveys to ASSIGNEE all rights to recover for past infringement of said patents and patent applications.

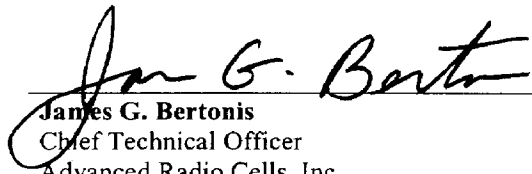
AND ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNOR HEREBY further covenants and agrees that it will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to it respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said inventions in all countries.

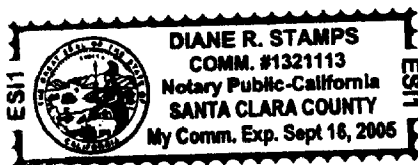
IN TESTIMONY WHEREOF and acting on behalf of Advanced Radio Cells, Inc., ASSIGNOR, I hereunto set my hand and seal this 3 day of July, 2003.



 L.S.
 James G. Bertonis
 Chief Technical Officer
 Advanced Radio Cells, Inc.
 910 Campisi Way
 Suite 1F
 Campbell, CA 95008

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENTState of CaliforniaCounty of Santa ClaraOn July 3, 2003 before me, Diane R. Stamps, Notary Public
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"personally appeared James G. Bertoni
NAME(S) OF SIGNER(S)

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Diane R. Stamps
SIGNATURE OF NOTARY**OPTIONAL**

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- ☐ INDIVIDUAL
☐ CORPORATE OFFICER

TITLE(S)

- ☐ PARTNER(S) ☐ LIMITED
☐ GENERAL
☐ ATTORNEY-IN-FACT
☐ TRUSTEE(S)
☐ GUARDIAN/CONSERVATOR
☐ OTHER: _____

DESCRIPTION OF ATTACHED DOCUMENTAssignment
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NUMBER OF PAGESJuly 3, 2003
DATE OF DOCUMENT

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SIGNER(S) OTHER THAN NAMED ABOVE