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PATENT

(Adaptation)

REC

To the Honorable Commissioner of Pat



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ched original document(s) or copy(ies).

SUBMISSION TYPE

New, Resubmission, Correction

101571416

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Assignment, License, Merger, Security Agreement, Name Change

New

Assignment

CONVEYING PARTY (IES)

Name(s): David Amundson Howard

EXECUTION DATE (mm/dd/yyyy)

12/13/2000

RECEIVING PARTY

Name: Protura Wireless, Inc.

Address: 1142 Moore Road, Woodside, California 94062, USA

09738906

CORRESPONDENT

Name/Address

Customer No.

Communication

David E. Lovejoy
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21603

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Total number of pages of attached conveyance document including attachments.

3

PATENT APPLICATION NUMBER(S)**PATENT NUMBER(S)**

If filed with a new Patent application, the date signed by the first executing inventor (mm/dd/yy):

NUMBER OF PROPERTIES

Total number of properties to be recorded:

1

FEE AMOUNT

{(37 CFR §§ 1.21(h), 3.41} Number of Properties X \$40 = \$ 40.00

METHOD OF PAYMENT☒ Payment Enclosed: Check in the amount of \$40.00.☒ Deposit Account 06-1325: The Commissioner is authorized to charge any fee (including any fee required under 37 CFR §§1.16, 1.17, 1.18 or otherwise) if no Payment Enclosed, and is authorized to charge any additional fees and credit any over payment associated with this communication to the Deposit Account.**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.

David E. Lovejoy (Reg. No.22,748)

Signature Date:
December 14, 2000 ✓

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Attorney Doc No:
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12/14/00-11:02**PATENT**
REEL: 011384 FRAME: 0502

SOLE TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventor:

Inventor(1)	
Name	David Amundson Howard
Residence Address	7601 Aspen Place, Newark, California 94560, USA

has invented certain new and useful improvements in:

ARRAYED-SEGMENT LOOP ANTENNA

and has executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

<input type="checkbox"/> For which the application for United States Patent was filed.	
Filed Date (mm/dd/yy):	
SC/Serial Number:	

or

<input checked="" type="checkbox"/> For which the declaration or oath for the application for United States Patent was executed.	
Execution Date (mm/dd/yy):	12/13/00

WHEREAS, the ASSIGNEE is a corporation which has the Name, is organized and exists under the laws of the State of Incorporation and has a principal Place of Business as follows:

ASSIGNEE	
Name:	Protura Wireless, Inc.
State of Incorporation:	Delaware
Place of Business:	1142 Moore Road, Woodside, California 94062, USA

WHEREAS the ASSIGNEE wants to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention

and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by said Inventor to has been received in full from said Assignee:

1. Said Inventor does hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, said Inventor's heirs, legal representatives and assigns.

4. Said Inventor hereby warrants and represents that said Inventor has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Inventor hereby authorizes and requests the Commissioner for Patents to issue any and all of said patents in the United States to said Assignee, for Assignee's full use and enjoyment and for the use and enjoyment of Assignee's legal representatives and assigns, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by said Inventor had this Assignment not been made.

IN WITNESS WHEREOF, the said Inventor has executed this instrument on the date of acknowledgment before the Notary Public as given below and delivered this instrument to said Assignee.

(1) David Amundson Howard
(Inventor's Signature)

State of California)
)
County of San Francisco)

On December 13, 2000 before me, Lisette Miller, Notary Public,
(name and title of officer)

personally appeared David Amundson Howard, ~~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.



Signature

Lisette Miller