MRD 10.25.99 11-02-1999 HEET iched original documents or copy thereof. To the Honorable Commissioner of Pa 101187144 Name and address of receiving party(ies): Name of conveying party(ies): 2. John Thomas Corwith Name: Lucent Technologies, Inc. Address: 600 Mountain Avenue Additional name(s) of conveying party(ies) attached? Yes X No P.O. Box 636 Nature of conveyance: X Assignment Merger City: Murray Hill State/Prov.: NJ Security Agreement Change of Name |Country: U.S.A. ZIP: 07974-0636 Other Execution Date: 10/25/1999 Additional name(s) & address(es) attached? Yes \mathbf{X} No 4. Application number(s) or registration number(s): If this document is being filed together with a new application, the execution date of the application is: 10/25/1999 B. Patent No.(s) Patent Application No. Filing date 09.425801 Docket No.: Corwith 4 Additional numbers attached? Yes \mathbf{X} No 5. Name and address of party to whom correspondence |6|. Total number of applications and patents involved: $\underline{1}$ concerning document should be mailed: Name: Gregory P. Gadson, Esq. |7. Total fee (37 CFR 3.41): \$ 40.00 __ Enclosed Registration No. 31,254 Address: 19375 Amber Way X Authorized to be charged to deposit account Deposit account number: 12-2325 (Attach duplicate copy of this page if paying by deposit account) City: Indianapolis State/Prov.: IN Country: <u>U.S.A.</u> ZIP: <u>46060</u> 11/02/1999 DNGUYEN 00000102 122325 09425801 DO NOT USE THIS SPACE 01 FC:581 40.00 CH 9. Statement of 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. Gregory P. Gadson 10/25/1999 Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 5

ASSIGNMENT AND AGREEMENT

For value received, I, John Thomas Corwith of West Chicago, DuPage County, and the State of Illinois, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to AUTOMATIC VEHICLE LOCATION SYSTEM AND METHOD WITH REDUCED BANDWIDTH REQUIREMENT described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. they may designate.

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Case Name/No.: Corwith 4

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Jack R. Venrece

United States of America

State of Illinois) ss.:

City of Naperville, County of DuPage

On this $25 \, \text{th}$ day of $0 \, \text{toler}$, 19 99, before me personally came John Thomas Corwith, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

PATENT

REEL: 010345 FRAME: 0724

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Case Name/No.: Corwith 4

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Date:	-			
United States of America)			
State of Illinois) ss.:			
City of Naperville, County of D	uPage)			
On this to me known to be the indivacknowledged execution of the	vidual described in a	, 19 and who executed t	_, before me personally on the foregoing instrument,	ame and
	_	Notary Public	;	•

Case Name/No.: Corwith 4

Date:	
United States of America)
State of Illinois) ss.:
City of Naperville, County of DuPage)
On thisday of_ to me known to be the individ and acknowledged execution of the san	, 19, before me personally came, ual described in and who executed the foregoing instrument, ne.
	Notary Public

Lucent Technologies Inc. 600 Mountain Avenue (Room 3C-512) P. O. Box 636 Murray Hill, New Jersey 07974-0636

RECORDED: 10/25/1999