FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) Tab seftings	100789809	ORM COVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office AUC ord the attached original documents or copy thereof. ame and address of receiving party(ies) Name: UNITED INNOVATIONS, INC. Internal Address:
Nature of conveyance:		
Assignment	☐ Merger	Street Address: Ingleside Industrial Park
☐ Security Agreement	☐ Change of Name	120 Whiting Farms Road
☐ Other		City: Holyoke State: MA ZIP: 01040-28
Execution Date: 5/18/98; 5/19/98; 5/23/98		Additional name(s) & address(es) attached? ☐ Yes ☒ No
4. Application number(s) or patent number(s):		
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)
09/078,120 filed 5/13	/98	
Additional numbers attached? ☐ YesXX No		
Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved:
Name: David A. Fox, Esq.		7. Total fee (37 CFR 3.41)\$ 40.00
Internal Address:		© Enclosed
FISHMAN, DIONNE, CANTOR & COLBURN		☐ Authorized to be charged to deposit account
Street Address: 88 Day Hill	Road	8. Deposit account number:
City: Windsor State:	CT ZIP: 06095	(Attach duplicate copy of this page if paying by deposit account
DO NOT USE THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document. David A. Fox Reg. No. 38,807 Name of Person Signing Total number of pages including cover sheet, attachments, and document: 3 Date PATEN PATEN		

ASSIGNMENT

WHEREAS We, Christopher A. Parent of West Springfield in the County of
Hampden and the State of Massachusetts, James A. Richmond of Monson in the County of
Hampden and the State of Massachusetts and Dr. James R. Voss of Dupont in the County of
Jefferson and the State of Indiana; have invented certain new and useful improvements in:

MAP POSITIONING SYSTEM

for which We have filed application for Letters Patent of the United States on May 13, 1998;

AND WHEREAS, UNITED INNOVATIONS, INC., a corporation organized and existing under the laws of the State of Massachusetts, having a place of business at Ingleside Industrial Park, 120 Whiting Farms Road, Holyoke, Massachusetts 01040-2832, is desirous of acquiring an interest, in the United States and all foreign countries, in and to the said invention and the Letters Patent to be obtained therefore;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for and in consideration of one (\$1.00) dollar to us in hand paid, and other good and valuable considerations, the receipt of all of which is hereby acknowledged, We, the said Christopher A. Parent, James A. Richmond and Dr. James R. Voss; have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said UNITED INNOVATIONS, INC., the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application which We have executed on the date set forth hereunder; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations,

PATENT REEL: 9363 FRAME: 0852 continuation-in-part, divisions and reissues thereof, to the said UNITED INNOVATIONS, INC., as assignee of the entire right, title and interest in and to the same, for the sole use and behoof of the UNITED INNOVATIONS, INC., its successors and assigns; and We do hereby agree that the said UNITED INNOVATIONS, INC., may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said UNITED INNOVATIONS, INC., its successors or assigns, and that We will, at the cost and expense of the said UNITED INNOVATIONS, INC. fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declares that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 5-18-98

Date: 5/19/98

Date: $\frac{5}{3}, \frac{3}{98}$

RECORDED: 08/04/1998

Christopher A. Parent

James A. Richmond

Dr. James R. Voss

PATENT REEL: 9363 FRAME: 0853