Form **PTO-1595** (Rev. 03/05) OMB No. 0651-0027 (exp. 6/30/2005)



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To the Director of the U.S. Patent and Trademark Office: Please record the attache	ed documents or the new address(es) below

To the Director of the U.S. Patent and Trademark Office: Ple	
1. Name of conveying party(ies) MICHAEL V. SHUMAN	2. Name and address of receiving party(ies)
KURT BROOKS UHLIR	Name: NAVTEQ North America, LLC
	Internal Address: Suite 900
Additional name(s) of conveying party(ies) attached? Yes V	lo
3. Nature of conveyance/Execution Date(s):	Street Address:
Execution Date(s) 6/28/2005	222 Merchandise Mart Plaza Drive
Assignment Merger	
Security Agreement Change of Name	City: Chicago
Joint Research Agreement	State: Illinois
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: USA Zip: 60654
Other	Additional name(s) & address(es) attached? Yes
A. Patent Application No.(s)	s document is being filed together with a new application B. Patent No.(s)
Additional numbers a	
5. Name and address to whom correspondence	6. Total number of applications and patents
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
5. Name and address to whom correspondence concerning document should be mailed: Name: Frank J. Kozak	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40
5. Name and address to whom correspondence concerning document should be mailed: Name: Frank J. Kozak Internal Address: NAVTEQ North America, LLC	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40 Authorized to be charged by credit card
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5. Name and address to whom correspondence concerning document should be mailed: Name: Frank J. Kozak Internal Address: NAVTEQ North America, LLC Suite 900 Street Address: 222 Merchandise Mart Plaza Drive City: Chicago State: Illinois Zip:60654	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting to the second se
5. Name and address to whom correspondence concerning document should be mailed: Name:Frank J. Kozak Internal Address: NAVTEQ North America, LLC Suite 900 Street Address: 222 Merchandise Mart Plaza Drive City: Chicago State: Illinois Zip:60654 Phone Number: (312) 894-7371	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting to the second of the se
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Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, MICHAEL V. SHUMAN and KURT BROOKS UHLIR, hereinafter called the "Assignors", has made the invention described in the United States patent application entitled "SPATIAL INDEX FOR DATA FILES", for which the DECLARATION FOR PATENT APPLICATION has been executed on even date herewith;

WHEREAS, NAVTEQ North America, LLC, a corporation organized and existing under the laws of the State of DELAWARE, having a place of business at CHICAGO, ILLINOIS, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Hundred Dollars (\$100.00) per Assignor, and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or

PATENT REEL: 016737 FRAME: 0431 any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

Millionan	6/28/2005
MICHAEL V. SHUMAN	DATE
KURT BROOKS UHLIR	6/28/05 DATE
STATE OF ILLINOIS)) Ss. COUNTY OF COOK)	
hereby certify that MICHAEL V. SHUMAN, personally subscribed to the foregoing instrument, appeared before a sealed and delivered the said instrument as his/her free an	
hereby certify that KURT BROOKS UHLIR, personally subscribed to the foregoing instrument, appeared before resealed and delivered the said instrument as his/her free are IN WITNESS WHEREOF, I have hereunto set	Notary Public in and for the County and State aforesaid, do known to me to be the same person whose name is the this day in person and acknowledged that (s) he signed, and voluntary act for the uses and purposes therein set forth. The day of JUNE
OFFICIAL SEAL DEBRA HUFFMAN HOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES: 00-20-07 (SEAL) My Commission Expires: 9/2-0/07	Debra Huffman Notary Public

RECORDED: 07/06/2005