**TO THE COMMISSIONER OF PATENTS AND TRADEMARKS**

**07-17-1998**

**100766500**

Please check the appropriate box.

1. **Name of Party(ies) conveying an interest:**
   - Nicholas E. Smith
   - Richard A. Ashby
   - Vijaya Iesanu

**Additional name(s) of conveying party(ies) attached?** Yes [ ] No [ ]

2. **Name and Address of Party(ies) receiving an interest:**
   - **Name:** Navigation Technologies Corporation
   - **Internal Address:**
   - **Street Address:** 10400 W. Higgins Road
   - **City:** Rosemont
   - **State/Zip:** Illinois 60018

**Additional name(s) and addresses attached?** Yes [ ] No [ ]

3. **Description of the interest conveyed:**
   - [ ] Assignment
   - [ ] Change of Name
   - [ ] Security Agreement
   - [ ] Merger

**Execution Date:** June 9, 1998

4. **Application number(s) or patent number(s). Additional sheet attached?** Yes [ ] No [ ]
   - If this document is being filed together with a new application, the execution date of the application is:

   **A. Patent Application No.(s)**
   - 09/071,721

   **B. Patent No.(s)**

   **Additional numbers attached?** Yes [ ] No [ ]

5. **Name and address of party to whom correspondence concerning document should be mailed:**
   - BRINKS HOFFER GILSON & LIONE
   - P.O. BOX 10395
   - CHICAGO, IL 60610
   - (312)321-4200

6. **Number of applications and patents involved:** One (1)

7. **Total fee (37 CFR 3.41):**
   - $40.00
   - [ ] Enclosed
   - [ ] Authorized to be charged to Deposit Account No. 23-1925
   - [ ] Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

**DO NOT USE THIS SPACE**

8. **Signature and date:**

   **Name of Person Signing:** Frank J. Kozak
   **Signature:**
   **Date:** June 15, 1998
   **Total number of pages including cover sheet, attachments, and document:** Five (5)

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**PATENT**

**REEL: 9308 FRAME: 0324**
ASSIGNMENT

WHEREAS, NICHOLAS E. SMITH, RICHARD A. ASHBY and VIJAYA ISRANI, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled GEOGRAPHIC DATABASE ARCHITECTURE FOR REPRESENTATION OF NAMED INTERSECTIONS AND COMPLEX INTERSECTIONS AND METHODS FOR FORMATION THEREOF AND USE IN A NAVIGATION APPLICATION PROGRAM, for a full description of which reference is here made to an application for Letters Patent of the United States filed on MAY 1, 1998, and assigned Application Serial No. 09/071,721:

WHEREAS, NAVIGATION TECHNOLOGIES CORPORATION, a corporation organized and existing under the laws of the State of DELAWARE, having a place of business at 10400 W. HIGGINS ROAD, ROSEMONT, ILLINOIS 60018, 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 Dollar ($1.00), 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.

PATENT
REEL: 9308 FRAME: 0325
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 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.

DATED: 6/10/98
NICHOLAS E. SMITH

DATED: 6/9/98
RICHARD A. ASHBY

DATED: 6/10/98
VIJAYA ISRANI

-2-
PATENT
REEL: 9308 FRAME: 0326
STATE OF ILLINOIS

COUNTY OF COOK

I, Lisa M. Becker, a Notary Public in and for the County and State aforesaid, do hereby certify that Nicholas E. Smith, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 10th day of June, 1996.

(Seal)

Notary Public

My Commission Expires:

STATE OF ILLINOIS

COUNTY OF COOK

I, Lisa M. Becker, a Notary Public in and for the County and State aforesaid, do hereby certify that Richard A. Ashby, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 9th day of June, 1996.

(Seal)

Notary Public

My Commission Expires:

-3-

PATENT

REEL: 9308 FRAME: 0327
STATE OF Illinois )
COUNTY OF Cook ) ss.

I, Lisa M. Becker, a Notary Public in and for the County and State aforesaid, do hereby certify that Vijaya Issani, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 10th day of June, 1998.

(SEAL)

Notary Public

My Commission Expires: ____________________________

REV. Oct-97
Document 9

RECORDED: 06/17/1998
PATENT
REEL: 9308 FRAME: 0328