

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
KAKUICHI SHIOMI		11/19/2013
RECEIVING PARTY DATA		
Name:	ELECTRONIC NAVIGATION RESEARCH INSTITUTE	
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PROPERTY NUMBERS Total: 1		
Property Type	Number	
Patent Number:	7678047	
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ATTORNEY DOCKET NUMBER:	2004-0689A	

PATENT

NAME OF SUBMITTER:	KAREN GASS
Signature:	/Karen Gass/
Date:	02/27/2014
Total Attachments: 1 source=Assignment#page1.tif	

ASSIGNMENT

In consideration of good and valuable consideration to the undersigned,

ASSIGNOR: Kakuichi Shiomi
of 401, Metro Building, 5-11, Higashi-Shimbashi, 2-chome, Minato-ku, Tokyo, Japan,
105-0021

to whom an Assignment was Recorded on October 14, 2004, at Reel 015883, Frame 0979

hereby sells, assigns and transfers to

ASSIGNEES: (1) Electronic Navigation Research Institute
42-23, Jindaijihigashi-machi 7-chome, Chofu-shi, Tokyo, Japan, 182-0012
and
(2) Mitsubishi Space Software Co., Ltd.
7-1, Hamamatsucho 2-chome, Minato-ku, Tokyo, Japan, 105-6137

and the successors, assigns and legal representatives of the ASSIGNEES, the Assignor's entire right, title and interest for the United States and its territorial possessions in the invention found in U.S. Patent No. 7,678,047 and, in and to, any reissues and re-examinations thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEES will, upon their request, be provided with all pertinent facts and documents relating to said invention and said Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEES or their legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce the patent, and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 1030 15th Street, N.W., Suite 400 East, Washington, D.C. 20005, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordal of this document.

The undersigned has reviewed all of the documents in the chains of title of the U.S. Patent No. 7,678,047 and, to the best of the undersigned's knowledge and belief, title is in the ASSIGNOR identified above.

Executed by the undersigned on the date opposite the undersigned's name.

Kakuichi Shiomi
Kakuichi SHIOMI (Signature)

November 19, 2013
(Date)