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orm P10-1595 (Rev. 06/04) MB No. 0651-0027 (exp. 6/30/2005)	Z E	·/ ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
torney Docket No.: 103111.58828US	PRECORDATION	103477006

ALENIS CIT.								
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1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)							
(1) Bruno LOBERT	Name: European Space Agency							
Execution Date(s) (1) 07/09/2007	Street Address: 8-10, rue Mario Nikis 75015 Paris							
Additional name(s) of conveying party(ies) attached? 🗌 Yes 🔀 No	France							
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4. Application number(s) or patent number(s): This document is being filed together with a new application.								
A. Patent Application No.(s)	B. Patent Registration No.(s)							
11/663,158								
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5. Name and address of party to whom correspondence concerning document should be	Total number of applications and patents involved							
mailed:	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00							
Name: Crowell & Moring LLP	Authorized to be charged by credit card							
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9. Signature: Signature Signature	January 16, 2008 Date							
Gary R. Edwards, Reg. No. 31,824	Total number of pages including cover							
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REEL: 020406 FRAME: 0389

Attorney Docket No.: 103111.58828US

(17.09.2005)

U.S. Rights -Sole or Joint

ASSIGNMENT

For goods and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

EUROPEAN SPACE AGENCY 8-10, rue Mario Nikis 75015 PARIS FRANCE

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

METHOD AND APPARATUS FOR PROVIDING INTEGRITY INFORMATION FOR USERS OF A GLOBAL NAVIGATION SYSTEM

As set forth in his United States Patent Application (check one):

executed co	oncurrently herev	with,				
executed or	n,					
Serial No.,	filed,					
X PCT Int'1	Application, No	o.: <u>PCT/EP200</u>	5/0110038,	filed 17	September 2	2005
),						

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

The undersigned warrant and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

The undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said

PATENT REEL: 020406 FRAME: 0390 invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to nay and all Letters Patent which may be granted therefore or thereon, including reissues or extensions, in said ASSIGNEED, its successors, or assigns or to assists said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

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RECORDED: 01/16/2008

Bruno LOBERT

July 9, 2007 DATE

> PATENT REEL: 020406 FRAME: 0391