

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Daisuke SAKATA	09/03/2008
RECEIVING PARTY DATA	
Name:	PIONEER CORPORATION
Street Address:	4-1, Meguro 1-chome
Internal Address:	Meguro-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	153-8654
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12294370
CORRESPONDENCE DATA	
Fax Number:	(703)685-0573
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	7035212297
Email:	embon@young-thompson.com
Correspondent Name:	YOUNG & THOMPSON
Address Line 1:	209 Madison Street
Address Line 2:	Suite 500
Address Line 4:	ALEXANDRIA, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	8091-1020
NAME OF SUBMITTER:	Eric Jensen
Total Attachments: 1 source=ASSIGNMENT#page1.tif	

OP \$40.00 12294370

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PATENT  
REEL: 021580 FRAME: 0801

# ASSIGNMENT

WHEREAS,

Daisuke SAKATA, of  
c/o Pioneer Corporation, Kawagoe Plant,  
25-1, Aza-Nishimachi, Yamada, Kawagoe-shi, Saitama 350-8555, Japan

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in

NAVIGATION APPARATUS, POSITION REGISTERING METHOD,  
POSITION REGISTERING PROGRAM, AND RECORDING MEDIUM

- (a) for which an application for a United States patent was filed on  
\_\_\_\_\_, Application No. \_\_\_\_\_,
- (b) for which an application for a United States patent was executed on  
September 3, 2008,

WHEREAS, PIONEER CORPORATION,

whose address is 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654, Japan

hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in and to the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefor in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s).

Date September 3, 2008,

Daisuke Sakata  
(signature) Daisuke SAKATA

Date \_\_\_\_\_,

\_\_\_\_\_  
(signature)

Date \_\_\_\_\_,

\_\_\_\_\_  
(signature)