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TO: YOUNG & THOMPSON COMPANY: 209 MADISON STREET

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.111/24/2009
501024137

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Inventor name previously recorded on Reel 021876 Frame 0901. Assignor(s) hereby confirms the The correct spelling of the Inventors name is GOTO, SEIJI.										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>SEIJI GOTO</td> <td>08/20/2008</td> </tr> <tr> <td>KENICHIRO YANO</td> <td>08/20/2008</td> </tr> </tbody> </table>		Name	Execution Date	SEIJI GOTO	08/20/2008	KENICHIRO YANO	08/20/2008				
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CORRESPONDENCE DATA											
Fax Number: (703)685-0573 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Email: dwashington@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:	8091-1016										
NAME OF SUBMITTER:	Eric Jensen										
Total Attachments: 1 source=ASSIGN#page1.tif											

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PATENT
REEL: 023603 FRAME: 0666

J: YOUNG & THOMPSON COMPANY 09 MADISON STREET

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.110/14/2008
500674801

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
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Phone: 7035212297											
Email: dwashington@young-thompson.com											
Correspondent Name: YOUNG & THOMPSON											
Address Line 1: 209 Madison Street											
Address Line 2: Suite 500											
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TO: YOUNG & THOMPSON COMPANY: 209 MADISON STREET

Docket No.
8091-1016

ASSIGNMENT

WHEREAS,

Seiji GOTO, of
c/o Pioneer Corporation, Kawagoe Plant,
25-1, Aza-Nishimachi, Yamada, Kawagoe-shi, Saitama 350-8555, Japan
Kenichiro YANO, of
c/o Pioneer Corporation,
4-1, Meguro Ichome, Meguro-ku, Tokyo 153-8654, Japan

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

POSITION REGISTERING APPARATUS, ROUTE RETRIEVAL APPARATUS,
POSITION REGISTERING METHOD, POSITION REGISTERING PROGRAM,
AND RECORDING MEDIUM

- (a) for which an application for a United States patent was filed on
September 8, 2008 Application No. 12/282,135
- (b) for which an application for a United States patent was executed on

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 August 20, 2008

Seiji Goto
(signature) Seiji GOTO

Date Aug 5th 2P. 200P

Kenichiro Yano
(signature) Kenichiro YANO