

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
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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> Phone: 7035212297 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:	8091-1049														

OP \$40.00 14003367

NAME OF SUBMITTER:	ERIC JENSEN
Signature:	/Eric Jensen/
Date:	10/04/2013
Total Attachments: 2 source=ASSMT#page1.tif source=ASSMT#page2.tif	

ASSIGNMENT

WHEREAS,

Kazutoshi KITANO, Masahiro KATO, Yoshikazu TAKEUCHI, Kazunobu HASHIMOTO,
Chihiro KAWABATA and Eiji MURAMATSU of

c/o PIONEER CORPORATION,

1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031 Japan

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

EFFICIENCY MAP GENERATING APPARATUS, EFFICIENCY MAP GENERATING METHOD, AND PROGRAM

- (a) for which an application for a United States patent was filed on September 6, 2013, Application No. 14/003,367,
- (b) for which an application for a United States patent was executed on

WHEREAS, PIONEER CORPORATION,

whose address is 1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031 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 9.11, 2013

Kazutoshi Kitano
(signature) Kazutoshi KITANO

Date 9.12, 2013

Masahiro Kato
(signature) Masahiro KATO

Date 9.10, 2013

Yoshikazu Takeuchi
(signature) Yoshikazu TAKEUCHI

Date 9.5, 2013

Kazunobu Hashimoto
(signature) Kazunobu HASHIMOTO

Date 9.11, 2013

Chihiro Kawabata
(signature) Chihiro KAWABATA

Date 9.1, 2013

Eiji Muramatsu
(signature) Eiji MURAMATSU