To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
   Kyoto University

2. Name and address of receiving party(ies):
   (1) Rohm Co., Ltd.
   Name: Rohm Co., Ltd.
   Address: 21, Saiai Mizogaki-cho, Ukyo-ku
   Kyoto-shi, Kyoto 615-0045, Japan
   (2) Mitsubishi Chemical Corporation
   Name: Mitsubishi Chemical Corporation
   Address: 14-1, Shiba 4-chome
   Minato-ku, Tokyo 108-0014, Japan
   (3) Hitachi, Ltd.
   Name: Hitachi, Ltd.
   Address: 6-6, Marunouchi 1-chome
   Chiyoda-ku, Tokyo 100-8280, Japan
   (4) Pioneer Corporation
   Name: Pioneer Corporation
   Address: 4-1, Meguro 1-chome
   Meguro-ku, Tokyo 153-8654, Japan

Execution Date: November 11, 2008

4. Application number(s) or patent number(s):
   ☐ This document is being filed together with a new application

   A. Patent Application No.(s)
   12/250,778

   Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Customer Number
   22850
   Tel. (703) 413-3000
   Fax. (703) 413-2220

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): $40.00
   ☐ Enclosed
   ☐ Authorized to be charged to deposit account

   Deposit account number: 15-0030
   (Attach duplicate copy of this page if paying by deposit account)

8. Deposit account number: 15-0030
   (Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature
   To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

   Marvin J. Spivak
   Name of Person Signing
   Signature
   Date

   Paul J. Killos
   Registration No. 59,014

   Total number of pages including this cover sheet: 3

Mail documents to be recorded with required cover sheet information to:
   Director of the United States Patent and Trademark Office
   Mail Stop Assignment Recordation Services
   Alexandria, Virginia. 22313

700392004

PATENT
REEL: 021882 FRAME: 0213
ASSIGNMENT

WHEREAS, Kyoto University of 36-1, Yoshida-honmachi, Sakyō-ku, Kyōto-shi, Kyōto 606-8501, Japan, a National University Corporation organized and existing under the laws of the Country of Japan, is a joint owner with Rohm Co., Ltd.; Mitsubishi Chemical Corporation; Hitachi, Ltd. and Pioneer Corporation, by assignment, of a divisional application for letters patent of the United States of America Application No. 12/250,778, filed October 14, 2008; and

WHEREAS, ROHM CO., LTD. of 21, Saiin Mizosaki-cho, Ukyo-ku, Kyōto-shi, Kyōto 615-0045, Japan; MITSUBISHI CHEMICAL CORPORATION of 14-1, Shiba 4-chome, Minato-ku, Tokyo 108-0014, Japan; HITACHI, LTD. of 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280, Japan and PIONEER CORPORATION of 4-1 Meguro 1-chome, Meguro-ku, Tokyo 153-8654, Japan, all corporations organized and existing under the laws of the Country of Japan (hereinafter referred to collectively as "ASSIGNEES"), are desirous of acquiring the entire right, title and interest in and to said divisional application for letters patent and the inventions described therein;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS ($5.00) and other valuable consideration, the receipt of which is hereby acknowledged, Kyoto University by these presents do sell, assign, and transfer unto said ASSIGNEES the entire right, title and interest for the territory of the United States of America in and to the aforesaid application for letters patent and the invention described therein and in and to any and all Letters Patent which may be granted therefor in and to any and all divisions, continuations, substitutions and renewals thereof.
Kyoto University hereby authorizes and requests the Patent Office in the United States and its territorial possessions to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of its entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by Kyoto University had this Assignment and sale not been made.

IN TESTIMONY WHEREOF, Kyoto University, has caused these presents to be signed by its officer hereunto duly authorized.

Date: Nov. 11, 2008

By: [Signature]

Name: Hiroshi MATSUMOTO
Title: President