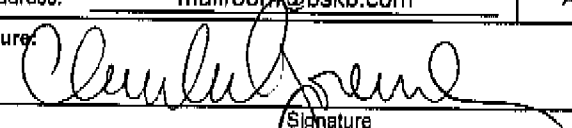


Form PTO-1595 (Rev. 03-05)  
OMB No. 0651-0027 (exp. 6/30/2006)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<b>1. Name of conveying party(ies):</b> Go MATSUBARA  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>Sharp Kabushiki Kaisha</u> Internal Address: _____ Street Address: _____ 22-22, Nagaike-cho, Abeno-ku Osaka-Shi Osaka 545-8522 JAPAN City: _____ State: _____ Country: _____ Zip: _____ Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s): <u>October 24, 2005</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/233,068</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>Charles Gorenstein</u> <u>BIRCH, STEWART, KOLASCH &amp; BIRCH,</u> <u>LLP</u> Internal Address: <u>Atty. Dkt.: 1248-0810PUS2</u> Street Address: <u>8110 Gatehouse Road</u> <u>Suite 100 East</u> <u>P.O. Box 747</u>  City: <u>Falls Church</u> State: <u>VA</u> Zip: <u>22040-0747</u> Phone Number: <u>(703) 205-8000</u> Fax Number: <u>(703) 205-8050</u> Email Address: <u>mailroom@bskb.com</u>	<b>6. Total number of applications and patents involved:</b> <span style="border: 1px solid black; padding: 2px 10px;">1</span>  <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
<b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>02-2448</u> Authorized User Name <u>Charles Gorenstein</u>	
<b>9. Signature:</b>  <div style="display: flex; justify-content: space-between;"> <span>Signature</span> <span>Date</span> </div> <div style="display: flex; justify-content: space-between;"> <span><u>Charles Gorenstein - 29,271</u></span> <span>Total number of pages including cover sheet, attachments, and documents: <span style="border: 1px solid black; padding: 2px 10px;">3</span></span> </div> <div style="display: flex; justify-content: space-between;"> <span>Name of Person Signing</span> <span><u>DEC - 9 2005</u></span> </div>	

ATTORNEY DOCKET NO. 1248-0810PUS2

## BIRCH, STEWART, KOLASCH &amp; BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR  
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

## ASSIGNMENT

Application No. 11/233,068Filed September 23, 2005Insert Name(s)  
of Inventor(s)

\*\*\* (Given Name FAMILY NAME (ALL CAPS)) \*\*\*

WHEREAS, Go MATSUBARAInsert Title  
of Invention(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in  
RECEIVING DEVICE, REBROADCAST CONTENT SCHEDULING DEVICE, RECEPTION STATE NOTIFYING  
METHOD, REBROADCAST CONTENT SCHEDULING METHOD, REBROADCAST CONTENT SCHEDULING SYSTEM,  
REBROADCAST CONTENT SCHEDULING PROGRAM, AND RECORDING MEDIUMfor which an application for Letters Patent of the United States of America has been executed by the  
undersigned (except in the case of a provisional application).Insert Date  
of Signing of  
Applicationon Go Matsubara GM 2005/10/24 andInsert Name  
of AssigneeWHEREAS, SHARP KABUSHIKI KAISHAInsert Address  
of Assigneeof 22-22, Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 JapanCHECK BOX  
IF APPROPRIATEits heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is  
desirous of acquiring the entire right, title and interest in and to said invention and in and to any  
Letters Patent(s) that may be granted therefor in the United States of America and  
☐ in any foreign countries.NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand  
paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the  
undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and  
transfer unto said Assignee the full and exclusive right to the said invention in the United States of  
America, its territories, dependencies and possessions and the entire right, title and interest in and to  
any and all Letters Patent(s) which may be granted therefor in the United States of America, its  
territories, dependencies and possessions, and if the box above is designated, in any and all foreign  
countries;and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full  
term or terms for which the same may be granted.

Attorney Docket No. 1248-0810PUS2

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 2005/10/24Name of Inventor Go Matsubara  
(signature) Go MATSUBARA

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

**FAX TRANSMISSION****DEC - 9 2005****DATE:****PTO IDENTIFIER:** Application Number 11/233,068-Conf. #8534

Patent Number

**Inventor:** Go MATSUBARA**MESSAGE TO:** USPTO PTAS System**FAX NUMBER:** (571) 273-0140**FROM:** BIRCH, STEWART, KOLASCH & BIRCH, LLP

Charles Gorenstein

**PHONE:** (703) 205-8000**Attorney Dkt. #:** 1248-0810PUS2**PAGES (Including Cover Sheet):** 5**CONTENTS:** Assignment (2 pages)  
Recordation Form Cover Sheet (1 page)  
Charge \$40.00 to deposit account 02-2448  
Certificate of Transmission (1 page)

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (703) 205-8000 and send the original transmission to us by return mail at the address below.

**This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.**

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**

8110 Gatehouse Road, Suite 100 East, P.O. Box 747, Falls Church, Virginia 22040-0747

**Telephone:** (703) 205-8000 **Facsimile:** (703) 205-8050