

Form PTO-1595 (Rev. 03-05)  
OMB No. 0651-0027 (exp. 6/30/2005)

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### 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.

**1. Name of conveying party(ies):**  
Kenji SAKAMOTO  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: Sharp Kabushiki Kaisha  
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:  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s): October 5, 2005  
 Assignment  Merger  Change of Name  
 Security Agreement  Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other Correction to Assignor's name  
Recorded at Reel 018244, Frame 0095

**4. Application or patent number(s):**  
A. Patent Application No.(s)  
10/553,351  
  
Additional numbers attached?  Yes  No


This document is being filed together with a new application.  
B. Patent No.(s)  
  
 Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Charles Gorenstein  
BIRCH, STEWART, KOLASCH & BIRCH,  
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Phone Number: (703) 205-8000  
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**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number 02-2448  
Authorized User Name Charles Gorenstein

**9. Signature:**  February 6, 2007  
Signature Date  
Charles Gorenstein - 29,271  
Name of Person Signing  
Total number of pages including cover sheet, attachments, and documents: 3

CH \$40.00 022448 10553351

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**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

**09/13/2006  
 500150938**

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Kenji SAKAMATO	10/05/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SHARP KABUSHIKI KAISHA
<b>Street Address:</b>	22-22, Nagaiké-cho Abeno-ku
<b>City:</b>	Osaka-shi Osaka
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	545-8522
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	10553351
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	1248-0827PUS1
<b>NAME OF SUBMITTER:</b>	Charles Gorenstein
<b>Total Attachments: 2</b>	
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source=20060828Assignment#page2.tif	

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ATTORNEY DOCKET NO. 1248-0827 PUS 1

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**  
UNITED STATES PATENT RIGHTS, OR  
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

**ASSIGNMENT**

Application No. 10/553,351

Filed 10-14-05

Insert Name(s)  
of Inventor(s)

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

WHEREAS, Kenji SAKAMOTO

Insert Title  
of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in  
**WIRELESS TERMINAL, BASE DEVICE, WIRELESS SYSTEM, WIRELESS TERMINAL CONTROL PROGRAM,  
BASE DEVICE CONTROL PROGRAM, AND COMPUTER-READABLE STORAGE MEDIUM**

for 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  
Application

on October 5, 2005; and

Insert Name  
of Assignee

WHEREAS, SHARP KABUSHIKI KAISHA

Insert Address  
of Assignee

22-22, Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan

its 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.

**CHECK BOX  
IF APPROPRIATE**

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. \_\_\_\_\_

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 October 5, 2005 Name of inventor Kenji Sakamoto  
 (signature) Kenji SAKAMOTO

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)