

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Katsuya SUZUKI	09/25/2008
Kuniharu SUZUKI	09/25/2008
Akira IKEUCHI	10/02/2008
Yoshihide MAJIMA	10/03/2008
Hirotsugu IIJIMA	10/03/2008
Kenichi KASAI	10/06/2008
Takatoshi ITAGAKI	09/29/2008

**RECEIVING PARTY DATA**

Name:	SONY ERICSSON MOBILE COMMUNICATIONS JAPAN, INC
Street Address:	1-8-15, Konan, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	108-0075

Name:	MITSUMI ELECTRIC CO., LTD.
Street Address:	2-11-2, Tsurumaki, Tama-shi
City:	Tokyo
State/Country:	JAPAN
Postal Code:	206-8567

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12262727

**CORRESPONDENCE DATA**

Fax Number: (703)413-2220  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

**OP \$40.00 12262727**

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ATTORNEY DOCKET NUMBER:

331676US8X

NAME OF SUBMITTER:

Ronald Turner

Total Attachments: 4

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ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in MOBILE PHONE TERMINAL AND CHARGING SYSTEM

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, 1) SONY ERICSSON MOBILE COMMUNICATIONS JAPAN, INC and 2) MITSUMI ELECTRIC CO., LTD. with offices at 1) 1-8-15, Konan, Minato-ku, Tokyo, 108-0075, Japan and 2) 2-11-2, Tsurumaki, Tama-shi, Tokyo, 206-8567, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number:  
Filing Date:

This assignment executed on the dates indicated below.

Katsuya SUZUKI

Name of first or sole inventor

Execution date of U.S. Patent Application

Gunma, Japan

Residence of first or sole inventor

Katsuya Suzuki  
Signature of first or sole inventor

September 25, 2008

Date of this assignment

Kuniharu SUZUKI

Name of second inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of second inventor

*Kuniharu Suzuki*

September 25 2008

Signature of second inventor

Date of this assignment

Akira IKEUCHI

Name of third inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of third inventor

Signature of third inventor

Date of this assignment

Yoshihide MAJIMA

Name of fourth inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of fourth inventor

Signature of fourth inventor

Date of this assignment

Hirotsugu IJIMA

Name of fifth inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of fifth inventor

Signature of fifth inventor

Date of this assignment

Kenichi KASAI

Name of sixth inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of sixth inventor

Signature of sixth inventor

Date of this assignment

Takatoshi ITAGAKI

Name of seventh inventor

Execution date of U.S. Patent Application

Hokkaido, Japan

Residence of seventh inventor

Signature of seventh inventor

Date of this assignment

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in MOBILE PHONE TERMINAL AND CHARGING SYSTEM

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, 1) SONY ERICSSON MOBILE COMMUNICATIONS JAPAN, INC and 2) MITSUMI ELECTRIC CO., LTD. with offices at 1) 1-8-15, Konan, Minato-ku, Tokyo, 108-0075, Japan and 2) 2-11-2, Tsurumaki, Tama-shi, Tokyo, 206-8567, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number:  
Filing Date:

This assignment executed on the dates indicated below.

Katsuya SUZUKI  
Name of first or sole inventor Execution date of U.S. Patent Application

Gunma, Japan  
Residence of first or sole inventor

\_\_\_\_\_  
Signature of first or sole inventor Date of this assignment

Kuniharu SUZUKI

Name of second inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of second inventor

Signature of second inventor

Date of this assignment

Akira IKEUCHI

Name of third inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of third inventor

*Akira Ikeuchi*  
Signature of third inventor

*Oct 2, 2008*  
Date of this assignment

Yoshihide MAJIMA

Name of fourth inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of fourth inventor

*Yoshihide Majima*  
Signature of fourth inventor

*Oct 3 2008*  
Date of this assignment

Hirotsugu IJIMA

Name of fifth inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of fifth inventor

*Hirotsugu Iijima*  
Signature of fifth inventor

*Oct 3 2008*  
Date of this assignment

Kenichi KASAI

Name of sixth inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of sixth inventor

*Kenichi Kasai*  
Signature of sixth inventor

*Oct 6 2008*  
Date of this assignment

Takatoshi ITAGAKI

Name of seventh inventor

Execution date of U.S. Patent Application

Hokkaido, Japan

Residence of seventh inventor

*TAKATOSHI ITAGAKI*  
Signature of seventh inventor

*Sep 29, 2008*  
Date of this assignment