

02-21-2001

FORM



101617831

U.S. Department of Commerce
Patent and Trademark Office
PATENT**RECORDATION FORM COVER SHEET
PATENTS ONLY**

2-12-01

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
☐ Resubmission (Non-Recordation)
 Document ID# _____
☐ Correction of PTO Error
 Reel # _____ Frame # _____
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Conveyance Type

- ☒ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
☐ Merger ☐ Other _____

Conveying Party(ies)

[X] Mark if additional names of conveying parties attached

Name (line 1) ITOH, Kenji

Execution Date

Name (line 2)

12/14/2000

Second Party

Name (line 1) NAGANO, Hiroaki

Execution Date

Name (line 2)

12/14/2000

89694675

Receiving Party

[] Mark if additional names of conveying parties attached

Name (line 1) Mitsubishi Denki Kabushiki Kaisha

[] If document to be recorded

Name (line 2) corporation of Japan

is an assignment and the

Address (line 1) 2-3, Marunouchi 2-chome

receiving party is not

Address (line 2)

domiciled in the U.S.,

Address (line 3) Chiyoda-ku, Tokyo 100-8310 Japan

an appointment of domestic

representative is attached.

Domestic Representative Name and Address

Enter for the First Receiving Party only.

Name: George R. Repper

Address (line 1): Rothwell, Figg, Ernst & Manbeck

Address (line 2): 555 13th St., N.W.

Address (line 3): Suite 701-East

Address (line 4): Washington, D.C. 20004

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02/20/2001 6TON11 00000046 09694675

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PATENT
REEL: 011519 FRAME: 0400

Correspondent Name and Address

Area Code and Telephone Number: 202/783-6040

Name: George R. Repper
Address (line 1): Rothwell, Figg, Ernst & Manbeck
Address (line 2): 555 13th St., N.W.
Address (line 3): Suite 701-East
Address (line 4): Washington, D.C. 20004

PagesEnter the total number of pages of the attached conveyance document
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2

Application Number(s) or Patent Number(s)

[] Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property)

Patent Application Number(s):

Patent Number(s):

09/694,675

If this document is being filed together with a new Patent Application, enter the date of the patent
application was signed by the first named executing inventor.

Patent Cooperation Treaty (PCT)

Enter PCT application Number
only if a U.S. Application Number
has not been assigned

PCT

Number of Properties

Enter the total number of properties involved. # 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

Method of Payment: ☒ Enclosed ☐ Deposit Account ☐ Credit Card

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: 02-2135

Authorization to charge additional fees: Yes ☐ No ☐**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. Charges to deposit account are authorized,
as indicated herein.*

George R. Repper

Name of Person Signing

Registration No. 31,414

Docket No. 2576-105



Signature

2-12-01

Date

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Conveying Party(ies)☐ Mark if additional names of conveying parties attached*Enter additional Conveying Parties*

Name (line 1)	KATSURA, Takatoshi	Execution Date
Name (line 2)		12/14/2000
Name (line 1)	FUKUYAMA, Shinjiro	Execution Date
Name (line 2)		12/14/2000
Name (line 1)	MOCHIZUKI, Mitsuru	Execution Date
Name (line 2)		12/14/2000
Name (line 1)	MATSUNAMI, Yoshinori	Execution Date
Name (line 2)		12/14/2000
Name (line 1)	SHIMOZAWA, Mitsuhiro	Execution Date
Name (line 2)		12/14/2000
Name (line 1)	ISHIZU, Fumio	Execution Date
Name (line 2)		12/14/2000
Name (line 1)	HAYASHI, Ryoji	Execution Date
Name (line 2)		12/14/2000

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>Kenji ITOH</u>	(4) <u>Shinjiro FUKUYAMA</u>	(7) <u>Mitsuhiro SHIMOZAWA</u>
(2) <u>Hiroaki NAGANO</u>	(5) <u>Mitsuru MOCHIZUKI</u>	(8) <u>Fumio ISHIZU</u>
(3) <u>Takatoshi KATSURA</u>	(6) <u>Yoshinori MATSUNAMI</u>	(9) <u>Ryoji HAYASHI</u>

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Mitsubishi Denki Kabushiki Kaisha of
2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

WIRELESS TERMINAL DEVICE

(a) for which an application for United States Letters Patent was filed on October 24, 2000, and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE:

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

1) <u>Kenji Itoh</u> Name: Kenji ITOH	<u>December 14, 2000</u>
2) <u>Hiroaki Nagano</u> Name: Hiroaki NAGANO	<u>December 14, 2000</u>
3) <u>Takatoshi Katsura</u> Name: Takatoshi KATSURA	<u>December 14, 2000</u>
4) <u>Shinjiro Fukuyama</u> Name: Shinjiro FUKUYAMA	<u>December 14, 2000</u>
5) <u>Mitsuru Mochizuki</u> Name: Mitsuru MOCHIZUKI	<u>December 14, 2000</u>
6) <u>Yoshinori Matsunami</u> Name: Yoshinori MATSUNAMI	<u>December 14, 2000</u>
7) <u>Mitsuhiro Shimozawa</u> Name: Mitsuhiro SHIMOZAWA	<u>December 14, 2000</u>
8) <u>Fumio Ishizu</u> Name: Fumio ISHIZU	<u>December 14, 2000</u>
9) <u>Ryoji Hayashi</u> Name: Ryoji HAYASHI	<u>December 14, 2000</u>