

11-04-2008



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B/O FORM PTO 1595 (1/31/92)
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of Conveying Party(ies):

(1) RYOUJI YAMAOKA,
(2) JUNJI YAMAMOTO,
(3) SEISHI HANAOKA,
(4) TOSHIAKI SUZUKI, AND
(5) MASASHI YANO

Additional names of conveying parties attached: ☐ Yes ☒ No

2. Name and Address of Receiving Party(ies):

Name: **Hitachi, Ltd.**
Address: 6-6, Marunouchi 1-chome
City: Chiyoda-ku, Tokyo, Japan

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Dates: (1) **October 14, 2008**, (2) **September 5, 2008**, (3) **September 8, 2008**,
(4) and (5) **September 9, 2008**

4. (a) Patent Application Number(s):

12/230,287

If this document is being filed together with a new application,
the execution date of the application is:
Additional Numbers Attached.

4. (b) Patent Numbers:

5. Name and Address of Party to whom Correspondence
Concerning this Document Should be Mailed:

Name: **Stanley P. Fisher**

Address: **Reed Smith LLP**
3110 Fairview Park Dr.
Suite 1400
Falls Church, Va. 22042

6. Total Number of Applications and Patents Involved: 1

7. Total Fee: **\$40.00**
(37 C.F.R. § 3.41)

☒ Enclosed.
☒ Authorized to be charged to deposit account.

8. Deposit Account Number: **08-1480**

ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT

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9. Statement and Signature:

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original documents

Stanley P. Fisher, Registration No. 24, 344

October 30, 2008

Juan Carlos A. Marquez, Registration No. 34,072

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PATENT
REEL: 021784 FRAME: 0574

ASSIGNMENT
(譲 渡 証)

Serial No. 12/200,007
out ref. P. 1093-05
your ref. Gato. 0137

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi, Ltd.,
a corporation organized under the laws of Japan,
located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan,
receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd.,
its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

WIRELESS COMMUNICATION SYSTEM FOR COMMUNICATING VIA WIRELESS LAN

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,
to be held and enjoyed by said Hitachi, Ltd.,
its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1)	<u>Tetsuo Yamaoka</u> Ryouji YAMAOKA (deceased) by Tetsuo YAMAOKA (father)	<u>10/14 2008</u>
2)	<u>Junji YAMAMOTO</u>	
3)	<u>Seishi HANAOKA</u>	
4)	<u>Toshiaki SUZUKI</u>	
5)	<u>Masashi YANO</u>	
6)		

ASSIGNMENT
(譲 渡 証)

Serial No. 12/230,287
out ref: P-1993-05
yout ref: GO-0.0137

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi, Ltd.,
a corporation organized under the laws of Japan,
located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan,
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its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

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invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,
to be held and enjoyed by said Hitachi, Ltd.,
its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) _____
Ryouji YAMAOKA (deceased) by Tetsuo YAMAOKA (father)

2) Junji Yamamoto
Junji YAMAMOTO

3) Seishi Hanaoka
Seishi HANAOKA

4) Toshiaki Suzuki
Toshiaki SUZUKI

5) Masashi Yano
Masashi YANO

6) _____

9/5/2008

9/8/2008

9/9/2008

9/9/2008