

08-14-2001

Atty. Docket No.: 0054-0238P

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101812387

COVER SHEET

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

KIMURA, Tomohiro

UNEO, Ikuro

YOSHIDA, Masayuki

Additional name(s) of conveying party(ies) attached?

☐ YES ☒ NO

3. Nature of conveyance:

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

Execution Date: July 24, 2001

2. Name and address of receiving party(ies)

Name: MITSUBISHI DENKI KABUSHIKI KAISHA

Internal Address:

Street Address: 2-3, Marunouchi 2-chome, Chiyoda-ku

City: Tokyo

State:

ZIP:

Country: JAPAN

Postal Code: 100-8310

Additional name(s) & address(es) attached? ☐ YES ☒ NO

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: July 24, 2001

A. Patent Application No(s).

New

B. Patent No(s).

Additional numbers attached? ☐ YES ☒ NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Street Address: P.O. BOX 747

City: FALLS CHURCH State: VA ZIP: 22040-0747

Country: USA

6. Total No. of applications/patents involved: One (1)

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

☒ Enclosed☒ Authorized to be charged to deposit account, if no fee attached.

8. Deposit account number: 02-2448

(Attach triplicate 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 information is true and correct and any attached copy is a true copy of the original document.

John A. Castellano, #35,094

Name of Person Signing/Reg. No.

Signature

August 7, 2001

Date

Total number of pages including cover sheet, attachments, and document: Two (2)

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(Rev. 06/29/01)

PATENT
REEL: 012054 FRAME: 0966

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, _____
Tomohiro KIMURA, Ikuro UENO and Masayuki YOSHIDA

hereby sells, assigns and transfers to

MITSUBISHI DENKI KABUSHIKI KAISHA
of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for United States Letters Patent entitled DATA ENCODING METHOD, DATA ENCODING APPARATUS, DATA DECODING METHOD, AND DATA DECODING APPARATUS which was executed by the undersigned on the dates indicated below or was filed on August 7, 2001 and accorded Serial No. _____ (hereinafter called the Application);
- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S):

(Tomohiro KIMURA)

Tomohiro Kimura

(Ikuro UENO)

Ikuro Ueno

(Masayuki YOSHIDA)

Masayuki Yoshida

DATE

July 24, 2001

July 24, 2001

July 24, 2001

PATENT

RECORDED: 08/07/2001

REEL: 012054 FRAME: 0967