

A/D 581-40

10/473879  
DT15 Rec'd PCT/PTO 02 OCT 2003

Atty. Docket No.: 2565-0275P

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03-12-2004



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ER SHEET

Trademark Office:  
prints or copy thereof.

1. Name of conveying party(ies):

[FAMILY NAME (ALL CAPS), Given Name]

KASUYA, Tomomi

CHIKAZAWA, Takeshi

WAKABAYASHI, Takao

UGA, Shinsuke

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

☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other:

Execution Date: August 28, 2003; June 20, 2003; August 26, 2003; August 26, 2003

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: August 28, 2003; June 20, 2003; August 26, 2003; August 26, 2003

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.

D. Richard Anderson, #40,439

Name of Person Signing/Reg. No.

Signature

October 2, 2003

Date

Total number of pages including cover sheet, attachments, and document: Three (3)

DRA/tmr

(Rev. 09/30/03)

PATENT  
REEL: 015054 FRAME: 0984

ATTORNEY DOCKET NO. 2565-0275P

## ASSIGNMENT

Application No. NEW

Filed October 2, 2003

Insert Name(s)  
of Inventor(s)

WHEREAS, Tomomi Kasuya, Takeshi Chikazawa, Takao  
Wakabayashi, and Shinsuke Uga

Insert Title  
of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in  
Encrypting Apparatus

Insert Date  
of Signing of  
Application

for which an application for Letters Patent of the United States of America has been executed by the undersigned  
on June 20, 2003, August 26, 2003, and August 28, 2003;  
and

Insert Name of  
Assignee

WHEREAS, Mitsubishi Denki Kabushiki Kaisha

Insert Address  
of Assignee

of 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan

CHECK ONE  
BOX

Its heirs, successors, legal representatives and the 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

- (1) ☒ United States of America only; or  
(2) ☐ United States of America and any and all foreign countries

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 do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in:

1. 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, if box (1) above is designated;

or

2. the United States of America, its territories, dependencies and possessions and in any and all foreign countries 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 in any and all foreign countries, if box (2) above is designated;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional 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 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/or any and all foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing 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 and 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 28. Aug. 2003, Name of Inventor Tomomi Kasuya (SEAL)  
(signature) Tomomi Kasuya

Date 20. June 2003, Name of Inventor Takeshi Chikazawa (SEAL)  
(signature) Takeshi Chikazawa

Date 26. Aug. 2003, Name of Inventor Takao Wakabayashi (SEAL)  
(signature) Takao Wakabayashi

Date 26. Aug. 2003, Name of Inventor Shinsuke Uga (SEAL)  
(signature) Shinsuke Uga

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_ (SEAL)  
(signature)

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_ (SEAL)  
(signature)

The execution by the Inventor(s) of this assignment may be witnessed by at least two persons who sign here.

Witness Kotaro Katsuyama

Witness Tsunao Sato