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- ☐ New
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Document ID #
☒ Correction of PTO Error
Reel #013432 Frame #0023
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2.28.03

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

Conveying Party(ies)

1. Mihoko AKIYAMA
2. Fukashi MORISHITA
- 3.
- 4.
- 5.
- 6.

Execution Date(s)

September 25, 2002
September 25, 2002

☐ Mark if Additional Names of Conveying Parties Attached**Receiving Party**

Name Mitsubishi Denki Kabushiki Kaisha

Name

Address 2-3, Marunouchi 2-chome

Address Chiyoda-ku

Address Tokyo

City

JAPAN

State/Country

100-8310

Zip Code

☒ Mark if Additional Names of Receiving Parties Attached**Correspondent Name and Address**

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Attorney Docket No. 402298/FUKAMI

Pages Enter the total number of pages of the attached conveyance document including any attachments: 8**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 Numbers**Patent Numbers**

10/279,069

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

Month Day Year

Patent Cooperation Treaty (PCT)

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

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Number of Properties

Enter the total number of properties involved:

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

Method of Payment:

- ☐ Enclosed is a check in the amount of \$
☐ Charge Deposit Account No. 12-1216

Authorization to Charge Additional Fees to Deposit Account No. 12-1216: ☐ 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.

Jeffrey A. Wyand; Reg. No. 29,458

Name of Person Signing

Signature

Date

Assignment Tml P1

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REEL: 013800 FRAME: 0926

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Patent and Trademark Office
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Conveying Party(ies)**Execution Date(s)**

7.
8.
9.
10.
11.
12.

Receiving Party(ies)

Name Mitsubishi Electric Engineering Company Limited

Name

Address 2-6-2, Ohtemachi

Address Chiyoda-ku

Address Tokya

City

JAPAN

State/Country

100-0004

Zip Code

Name

Name

Address

Address

Address

City

State/Country

Zip Code

Application Number(s) or Patent Number(s)

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Assignment Tml P2

PATENT
REEL: 013800 FRAME: 0928

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Conveying Party(ies)

Execution Date(s)

7.
8.
9.
10.
11.
12.



Receiving Party(ies)

Name	Mitsubishi Electric Engineering Company Limited		
Name			
Address	2-6-2, Ohtemachi		
Address	Chiyoda-ku		
Address	Tokyo	Japan	100-0004
	City	State/Country	Zip Code

Name			
Name			
Address			
Address			
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Patent Application Numbers

Patent Numbers

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Month Day Year
September 25,
2002

Patent Cooperation Treaty (PCT)

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

PCT	PCT	PCT
PCT	PCT	PCT

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ATTORNEY DOCKET NO.

ASSIGNMENT

Application No. _____

Filed _____

Insert Name(s)
of Inventor(s) ➡

WHEREAS, _____ Mihoko AKIYAMA and Fukashi MORISHITA

Insert Title
of Invention ➡

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

SEMICONDUCTOR DEVICE HAVING STANDBY MODE AND ACTIVE MODE

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date
of Signing of
Application ➡

on _____ September 25, 2002 _____; and

Insert Name
of Assignee ➡

WHEREAS, _____ (1) Mitsubishi Denki Kabushiki Kaisha

_____ (2) MITSUBISHI ELECTRIC ENGINEERING COMPANY LIMITED

Insert Address
of Assignee ➡

of _____ (1) 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

_____ (2) 2-6-2, OHEMACHI, CHIYODA-KU, TOKYO 100-0004 JAPAN

its heirs, successors, legal representatives and 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 United States of America and

CHECK BOX
IF APPROPRIATE ➡

☒ in 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 does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in 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, and if the box above is designated, in any and all foreign countries;

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

PATENT
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The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion 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, conversion or reissue thereof or Letters 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) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion 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 Leydig, Voit & Mayer 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	September 25, 2002	Name of Inventor	Mihoko Akiyama Mihoko AKIYAMA
Date	September 25, 2002	Name of Inventor	Fukashi Morishita Fukashi MORISHITA
Date	_____	Name of Inventor	_____
Date	_____	Name of Inventor	_____
Date	_____	Name of Inventor	_____
Date	_____	Name of Inventor	_____
Date	_____	Name of Inventor	_____
Date	_____	Name of Inventor	_____