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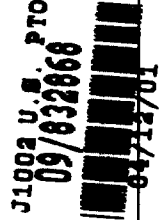
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## Conveyance Type

- Assignment  
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## Conveying Party(ies)

## Execution Date(s)

1. Yoshie NOGUCHI

March 22, 2001

2.  
3.  
4.  
5.  
6.

09832868

 Mark if Additional Names of Conveying Parties Attached

## Receiving Party

Name Mitsubishi Denki Kabushiki Kaisha  
 Name  
 Address 2-3, Marunouchi 2-chome, Chiyoda-ku  
 Address  
 Address Tokyo Japan 100-8310  
 City State/Country Zip Code

 Mark if Additional Names of Receiving Parties Attached

## Correspondent Name and Address

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 Attorney Docket No. 401159

**Pages** Enter the total number of pages of the attached conveyance document including any attachments: 1**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

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  
March 22, 2001**Patent Cooperation Treaty (PCT)**Enter PCT application number *only if* a U.S. Application Number has not been assigned.

PCT	PCT	PCT
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**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 is a check in the amount of 750.00  
 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

04/15/2001 EPL065 00000030 09832868

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PATENT  
 REEL: 011714 FRAME: 0144

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>Yoshie NOGUCHI</u> | (4) _____ | (7) _____ |
| (2) _____                 | (5) _____ | (8) _____ |
| (3) _____                 | (6) _____ | (9) _____ |

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

ELECTRODE FORMING METHOD AND BUMP ELECTRODE FORMABLE BASE USED THEREFOR

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Serial No. \_\_\_\_\_; or

(b) for which an application for United States Letters Patent was executed on March 22, 2001.

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) *Yoshie Noguchi*  
Name: Yoshie NOGUCHI
- 2) \_\_\_\_\_  
Name: \_\_\_\_\_
- 3) \_\_\_\_\_  
Name: \_\_\_\_\_
- 4) \_\_\_\_\_  
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- March 22, 2001
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