PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | |

CONVEYING PARTY DATA

| Name | Execution Date | |
|---------------|----------------|--|
| Kazuo YOSHIDA | 08/19/2008 | |
| Kyota SUSAI | 08/19/2008 | |

RECEIVING PARTY DATA

| Name: | THE FURUKAWA ELECTRIC CO., LTD. | |
|-----------------|---------------------------------|--|
| Street Address: | 2-3, Marunouchi 2-chome | |
| City: | Chiyoda-ku, Tokyo | |
| State/Country: | JAPAN | |
| Postal Code: | 100-8322 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12222919 |

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NAME OF SUBMITTER: Marc S. Weiner

Total Attachments: 2

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BIRCH, STEWART, KOLASCH & BIRCH, LLP

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ASSIGNMENT

| | Application No. 12/222 | ,919 | | | Filed August | 19, | 2008 |
|---|---|--|---|--|--|--|-------------|
| Insert Name(s) of Inventor(s) | ***(Given Name FAMILY NAME (ALL CAPS))*** | | | | | | |
| | WHEREAS, | Kazuo | YOSHIDA | ; Kyo | ota SUSAI | | |
| | | | | | | | |
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| | | | <u>:</u> | | | | |
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| | | | , | | | | |
| | (hereinafter designated as | | | | | nents ir | 1 |
| Insert Title of Invention | PLATED MATERIAL THE PLATED MATER | | LECTRIC AND E. | LECTRONIC PA | RTS USING | | |
| | for which an application is undersigned (except in the | | | | has been executed | by the | |
| Insert Date of Signing of Application | August 19, 2008 | | | | | | |
| Insert Name of Assignee | WHEREAS, THE FURUKAWA ELECTRIC CO., LTD. | | | | | | |
| Insert Address of Assignee | of 2-3, Marunou | chi 2- | chome, Chiyod | la-ku, Tokyo | 100-8322, 3 | Japan | <u>L</u> |
| CHECK BOX IF APPROPRIATI | its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignce) 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 in any foreign countries. | | | | | | |
| | NOW, THEREFORE, in paid, the receipt of which undersigned has (have) stransfer unto said Assig America, its territories, dany and all Letters Pate territories, dependencies countries; | h is herek sold, assignee the fu ependenc nt(s) which | oy acknowledged, and gned and transferred, all and exclusive right ies and possessions a ch may be granted th | d other good and va- and by these prese to the said inventi- nd the entire right, herefor in the Unite | aluable considerations to does sell, assion in the United Stitle and interest in the States of Amered States of Amered | ion, the ign and tates of and to rica, its | : [] |
| | and to any and all division | | | nversions and exter | nsions thereof for | the full | |

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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 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 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 Birch, Stewart, Kolasch & 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 _ | August 19, | 2008 | Name of Inventor | Kazuo Yoshida (signature) Kazuo Yoshida |
|--------|-------------|---------------------------------------|------------------|---|
| Date _ | August 19, | 2008 | Name of Inventor | (b) Mills |
| Date . | | · · · · · · · · · · · · · · · · · · · | | (signature) |
| Date . | | , | | (signature) |
| Date . | | | | (signature) |
| Date . | | | Name of Inventor | (signature) |
| | | - | • | |

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June 2002