

03-26-2001

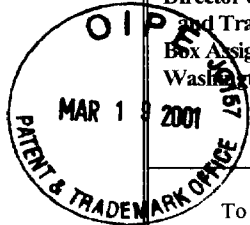


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Patent and Trademark Office

Attorney Docket No. JAO 29781



To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof.

3-19-01

<p>1. A. Name of conveying party(ies): TOYO ALUMINUM KABUSHIKI KAISHA 1-23, SHIBA 4-CHOME MINATO-KU, TOKYO</p> <p>B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. A. Name and address of receiving party(ies): TOYO ALUMINUM SALES KABUSHIKI KAISHA 1-23, SHIBA 4-CHOME MINATO-KU, TOKYO</p>
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<p>3. A. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>B. Execution Date: _____</p>	<p>B. Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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4. A. If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

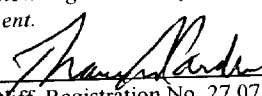
B. Patent Application No.(s) \_\_\_\_\_

C. Patent No.(s) 5,514,225; 5,582,655 and 5,888,269

Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>James A. Oliff</u></p> <p>Address: <b>OLIFF &amp; BERRIDGE, PLC</b> <b>P.O. Box 19928</b> <b>Alexandria, VA 22320</b></p>	<p>6. Total number of applications and patents involved: <u>3</u></p> <p>7. A. Total fee (37 CFR 3.41).....\$ <u>120.00</u> B. Enclosed (Check No. <u>117271</u>)</p> <p>8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.</p>
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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.*

  
\_\_\_\_\_  
James A. Oliff Registration No. 27,075  
Thomas J. Pardini Registration No. 30,411

Date: March 19, 2001

Total number of pages including cover sheet, attachments, and document: 4

## ASSIGNMENT

WHEREAS, TOYO ALUMINIUM KABUSHIKI KAISHA of Osaka, Japan,(hereinafter ASSIGNOR), a corporation duly organized and existing under the laws of Japan is an assignee of an undivided one-half interest in United States patent 5,514,225 issued May 7, 1996 from application Serial No. 08/317525.

WHEREAS, ASSIGNOR hereby confirms that ASSIGNOR has the full right to convey rights, as herein expressed, to the said patent and the inventions embodied therein;

AND WHEREAS, TOYO ALUMINIUM SALES KABUSHIKI KAISHA of 1-23, Shiba 4-chome, Minato-ku, Tokyo, Japan,(hereinafter ASSIGNEE), a corporation duly organized and existing under the laws of Japan, is desirous of acquiring all of ASSIGNOR'S interest therein.

NOW, THEREFORE, in consideration of Ten Dollars(\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, all of ASSIGNOR'S rights in United States patent 5,514,225.

And, ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred and for maintaining any resulting patent concerning said invention.

I am authorized to execute this ASSIGNMENT on behalf of ASSIGNOR.

Executed this 30th day of September, 1999.

TOYO ALUMINIUM KABUSHIKI KAISHA

By: Toshiro Kitamura  
Typed Name: Toshiro KITAMURA  
Title: Associate Director

ASSIGNMENT

WHEREAS, TOYO ALUMINIUM KABUSHIKI KAISHA of Osaka, Japan, (hereinafter ASSIGNOR), a corporation duly organized and existing under the laws of Japan is an assignee of an undivided one-half interest in United States patent 5,888,269 issued Mar. 30, 1999 from application Serial No. 08/819212.

WHEREAS, ASSIGNOR hereby confirms that ASSIGNOR has the full right to convey rights, as herein expressed, to the said patent and the inventions embodied therein;

AND WHEREAS, TOYO ALUMINIUM SALES KABUSHIKI KAISHA of 1-23, Shiba 4-chome, Minato-ku, Tokyo, Japan, (hereinafter ASSIGNEE), a corporation duly organized and existing under the laws of Japan, is desirous of acquiring all of ASSIGNOR'S interest therein.

NOW, THEREFORE, in consideration of Ten Dollars(\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, all of ASSIGNOR'S rights in United States patent 5,888,269.

And, ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred and for maintaining any resulting patent concerning said invention.

I am authorized to execute this ASSIGNMENT on behalf of ASSIGNOR.

Executed this 30th day of September, 1999.

TOYO ALUMINIUM KABUSHIKI KAISHA

By: Toshiro Kitamura

Typed Name: Toshiro KITAMURA

Title: Associate Director

**ASSIGNMENT**

WHEREAS, TOYO ALUMINIUM KABUSHIKI KAISHA of Osaka, Japan,(hereinafter ASSIGNOR), a corporation duly organized and existing under the laws of Japan is an assignee of an undivided one-half interest in United States patent 5,582,655 issued Dec. 10, 1996 from application Serial No. 08/471752.

WHEREAS, ASSIGNOR hereby confirms that ASSIGNOR has the full right to convey rights, as herein expressed, to the said patent and the inventions embodied therein;

AND WHEREAS, TOYO ALUMINIUM SALES KABUSHIKI KAISHA of 1-23, Shiba 4-chome, Minato-ku, Tokyo, Japan,(hereinafter ASSIGNEE), a corporation duly organized and existing under the laws of Japan, is desirous of acquiring all of ASSIGNOR'S interest therein.

NOW, THEREFORE, in consideration of Ten Dollars(\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, all of ASSIGNOR'S rights in United States patent 5,582,655.

And, ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred and for maintaining any resulting patent concerning said invention.

I am authorized to execute this ASSIGNMENT on behalf of ASSIGNOR.

Executed this 30th day of September, 1999.

TOYO ALUMINIUM KABUSHIKI KAISHA

By: Toshiro Kitamura

Typed Name: Toshiro KITAMURA

Title: Associate Director