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JUN 1999

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| <p>3. 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>Execution Date: <u>March 31, 1999</u></p> | <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |

4. Application number(s) or patent number(s): **69319254**

If this document is being filed together with a new application, the execution date of the application is: _____

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| <p>A. Patent Application No. (s)</p> <p>Herewith</p> | <p>B. Patent No. (s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |
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| <p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. Attorneys at Law Fourth Floor 1755 Jefferson Davis Highway Arlington, Virginia 22202</p> | <p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41):.....\$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>15-0030</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p> |
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| <p><i>Eckhard H. Kuesters</i></p> <p>_____ William E. Beaumont Registration No. 30.,996</p> | <p><u>6/9/99</u></p> <p>_____ Date Total number of pages including cover sheet: <u>3</u></p> |
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PATENT
REEL: 010079 FRAME: 0561

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, _____
Kiyoshi MUSA and Kazuhiko HAYASHI

hereby sells, assigns and transfers to
ASAHI DENKA KOGYO K.K.
of 2-35, Higashiogu 7-chome, Arakawa-ku, TOKYO 116-0012 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

(i) the application for United States Letters Patent entitled
PROCESS FOR PREPARING ACYLOXY ALKANESULFONIC ACID

which was executed by the undersigned on _____
or was filed on December 5, 1997 and accorded Serial No.
PCT/JP 97/04467 (hereinafter called the Application);

- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

| INVENTOR(S) : | DATE |
|--|-----------------------|
| (Kiyoshi MUSA) <u>Kiyoshi MUSA</u> | <u>March 31, 1999</u> |
| (Kazuhiko HAYASHI) <u>Kazuhiko Hayashi</u> | <u>March 31, 1999</u> |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |