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To the Honorable Commissioner of original documents or copy thereof

102234655

1. Name of conveying party(ies): Yukio Koyanagi

2. Name and address of receiving party(ies) Name: Yasue Sakai

Additional name(s) of conveying party(ies) attached? Yes No

Street Address: 409-1-D115, Nakao, Saitama-shi

3. Nature of Conveyance: [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other

City: Saitama Country: Japan Zip: 336-0932

Execution Date: July 15, 2002

Additional name(s) & address(es) attached: Yes No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: July 15, 2002

A. Patent Application No.(s): 10203004

B. Patent No.(s):

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and patents involved: 1

Name: Burton Amernick CONNOLLY BOVE LODGE & HUTZ, LLP Internal Address: Atty. Dkt.: 22040-006-US Street Address: 1990 M Street, N.W. Suite 800

7. Total fee (37 CFR 3.41) \$ 40.00 [ ] Enclosed [X] Authorized to be charged to deposit account [ ] Authorized to be charged to credit card (Form 2038 enclosed)

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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.

Burton Amernick - 24,852 Name of Person Signing

Signature

August 5, 2002 Date

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

**UNFILED APPLICATION - MULTIPLE INVENTORS**

**ASSIGNMENT OF UNITED STATES APPLICATION FOR PATENT**

Whereas the undersigned, Yukio KOYANAGI of 409-1-D115, Nakao Saitama-shi, Saitama 336-0932 JAPAN have invented certain improvements in "ANALOG FILTER" for which an application for Letters Patent of the United States of America was executed on even date herewith;

Whereas, Yasue SAKAI ~~a corporation of~~ 409-1-D115, Nakao, Saitama-shi, Saitama 336-0932 JAPAN (hereinafter referred to as Assignee) is desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned by these presents, hereby assign, sell and transfer unto the said Assignee, for the territory of the United States of America, all right, title and interest in and to said invention and application, and any and all divisions or continuations thereof, and in and to any Letters Patent that may be granted therefor together with any reissues, extensions or renewals thereof, the same to be held and enjoyed by the Assignee for Assignee's own use and behoof, and for Assignee's legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned had this Assignment and same not been made; and the undersigned, and legal representatives thereof, hereby covenant and agree to execute and deliver any and all papers, and do all lawful acts that said Assignee may consider necessary or advisable to perfect title to said invention and to obtain Letters Patent therefor, and any divisions, continuations, reissues, extensions and renewals thereof, and agree at any time upon request, to communicate to said Assignee, Assignee's successors and assigns, such facts relating to said invention and Letters Patent or the history thereof as may be known to the undersigned and testify as to the same in any interferences, opposition or other litigation, when requested to do so, all without further consideration than that now paid, but at the expense of the said Assignee, Assignee's successors or assigns.

The undersigned hereby grant(s) the firm of Connolly Bove Lodge & Hutz LLP, 1990 M Street, N.W., Suite 800, P.O. Box 19088, Washington, D.C. 20036 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 United States Patent Office for recordation of this document.

*Yukio Koyanagi*

Yukio KOYANAGI

July 15, 2002

Date

Date

Date

Date

Date

Date

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Date

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Date

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