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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):
Osamu Yoshikawa

Execution Date(s): March 9, 2005
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: SMK CORPORATION
Internal Address: _____
Street Address: _____
5-5, Togoshi 6-chome,
Shinagawa-ku, Tokyo
142-8511
JAPAN

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

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
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4. Application or patent number(s):
A. Patent Application No.(s)

Additional numbers attached? Yes No

This document is being filed together with a new application.
B. Patent No.(s)

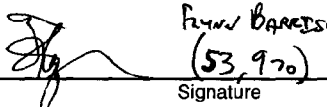
 Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: Joseph R. Robinson
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6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged by credit card
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 Enclosed
 None required (government interest not affecting title)

8. Payment Information
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9. Signature:

Louis J. DelJuidice - 47,522
Signature
Date: April 1, 2005
Date
Total number of pages including cover sheet, attachments, and documents: 3

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PATENT
REEL: 016452 FRAME: 0868

ASSIGNMENT

I, Osamu Yoshikawa, a citizen of Japan, residing at c/o SMK Corporation, 5-5, Togoshi 6-chome, Shinagawa-Ku, Tokyo, 142-8511, JAPAN;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

SMK CORPORATION

a Corporation organized under the laws of Japan, located at 5-5, Togoshi 6-chome, Shinagawa-Ku, Tokyo, 142-8511, JAPAN (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **in and for the United States of America only** in and to my Invention entitled:

WAVE-SHAPING CIRCUIT

invented by me and described in the specification bearing the above Attorney Docket No. and title executed by me concurrently herewith; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful

rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: Mar. 9, 2005

Osamu Yoshikawa
Osamu Yoshikawa, Inventor