

A/D 581.40

Docket No. 450428

Tab settings → 6-11-03



To the Honorable Commissioner of Pa 102563072 attached original documents or copy thereof.

1. Name of conveying party(ies): Hiroshi MIYAGI Additional names(s) of conveying party(ies) [] Yes [X] No

2. Name and address of receiving party(ies): Name: Niigata Seimitsu Co., Ltd. Address: 5-13, Nishishiromachi 2-chome

3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: May 22, 2003

City: Jouetsu-shi State/Prov.: Niigata Country: Japan ZIP: 943-0834 Additional name(s) & address(es) [] Yes [X] No

4. Application number(s) or patent numbers(s): 10/450428 If this document is being filed together with a new application, the execution date of the application is: May 22, 2003 Patent Application No. Filing date B. Patent No.(s) PCT/JP01/11184 20 December 2001 Additional numbers [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: James H. Walters Registration No. 35,731 Address: DELLETT AND WALTERS 310 S.W. Fourth Avenue, Suite 1101 City: Portland State/Prov.: OR Country: US ZIP: 97204

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$ 40.00 [X] Enclosed - Any excess or insufficiency should be credited or debited to deposit account [] Authorized to be charged to deposit account 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account)

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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 H. Walters Name of Person Signing Signature Date June 14, 2003 Total number of pages including cover sheet, attachments, and 2

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

Express Mail #ET444572440 US

ASSIGNMENT - PATENT APPLICATION

Whereas I, Hiroshi Miyagi, of Japan, have invented certain new and useful improvements in a SMOOTHING CIRCUIT for which a Patent Cooperation Treaty application was filed on December 20, 2001, under Application No. PCT/JP01/11184 and for which I am about to make application for Letters Patent of the United States of America; and

Whereas Niigata Seimitsu Co., Ltd. of 5-13, Nishishiromachi 2-chome, Jouetsu-shi, Niigata, 943-0834 Japan (hereinafter "Assignee") desires to acquire an interest therein and in the Letters Patent to be obtained therefor;

For good and valuable consideration, the receipt and sufficiency of which are acknowledged, I hereby assign and transfer to Assignee, for the territory of the United States of America, the entire right, title and interest in and to said improvements and in and to said application and any Letters Patent that may be granted therefor in the United States including any division, continuation, substitute, renewal or reissue of said application or said Letters Patent.

I hereby agree to communicate to Assignee any facts known to me relating to said improvements, to testify as to the same in any interference or legal proceeding concerned therewith, to execute promptly and deliver to Assignee upon request any and all papers, instruments, declarations and affidavits required to apply for, obtain, maintain and enforce said Letters Patent, and generally to do everything necessary or desirable to vest and perfect title thereto in Assignee.

This assignment is binding upon me and my heirs, successors and personal representatives, and shall inure to the benefit of Assignee, its successors, assigns and nominees.

In testimony whereof, I have hereunto set hand this 22 day of May, 2003.

WITNESS:

INVENTOR:

岡本 明

Akira Okamoto

宮城 弘

Hiroshi Miyagi

Express Mail # ET444572440US