

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Tohru Watanabe | 10/23/2000 |
| RECEIVING PARTY DATA | |
| Name: | Sanyo Electric Co., Ltd. |
| Street Address: | 5-5 Keihan-Hondori 2-chome, Moriguchi-shi |
| City: | Osaka |
| State/Country: | JAPAN |
| Postal Code: | 570-8677 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 11426759 |
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| Total Attachments: 1 source=Assign022#page1.tif | |

CH \$40.00 11426759

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

1) Sell(s), assign(s) and transfer(s) to SANYO ELECTRIC CO., LTD. (hereinafter referred to as "ASSIGNEE"), who has a business office at 5-5 Keihan-Hondori 2-chome, Moriguchi-shi, Osaka 570-8677 Japan, the entire right, title, and interest in any and all inventions and improvements disclosed in, application(s) based upon, and Patent(s) granted upon the information which is disclosed in the application entitled:

IMAGE SIGNAL PROCESSOR AND DEFICIENT PIXEL DETECTION METHOD

(File No. _____) for which I (we) have executed an application for a United States Letters Patent on _____ (Application Serial No. _____ filed on _____.)

2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application, or any division, continuation, substitute or reissue thereof, to the ASSIGNEE.

3) Agree to execute all papers and documents and perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof and/or the enforcement of patents resulting from such applications.

Signed on the date(s) indicated beside my (our) signature(s).

1) Tohru Watanabe Date: October 23, 2000
Name: Tohru WATANABE

Witness: Yoshiyuki Nishida Date: October 23, 2000
Name: _____

Witness: _____ Date: _____
Name: _____