

09-18-2002

Docket No.: 70840/58222

FORM PTO-1595 (Modified)  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)  
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P08A/REV02



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HEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Keishi MIYAZAKI  
Yasuhito KUDO  
Kimihide SASAKI

9-11-02

Additional names(s) of conveying party(ies)  Yes  No

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

Name: SHARP KABUSHIKI KAISHA

Address: 22-22 Nagaike-cho, Abeno-ku, O

U.S. PTO  
10/24/297  
09/11/02

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: 26 August 2002

City: Osaka State/Prov.: \_\_\_\_\_

Country: JAPAN ZIP: 545-8522

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

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 26 August 2002

Patent Application No. Filing date 10/24/297 B. Patent No.(s)

09/13/2002 FFAWEIA 00000009 10241297

02 FC:581

40.00 DP

Additional numbers  Yes  No

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

Name: David A. Tucker

Registration No. 27,840

Address: Dike, Bronstein, Roberts & Cushman Intellectual

Property Practice Group of EDWARDS & ANGELL, LLP

P.O. Box 9169

City: Boston State/Prov.: MA

Country: USA ZIP: 02209

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

04-1105

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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.

David A. Tucker

David A. Tucker

11 September 2002

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

4

PATENT

REEL: 013289 FRAME: 0267

ASSIGNMENT

WHEREAS, the following inventor(s): Keishi MIYAZAKI, Yasuhito KUDO and  
Kimihide SASAKI

(hereinafter designated as the undersigned) has (have) invented certain new and useful  
improvements in

SOLID STATE DEVICE, METHOD FOR PRODUCING THE SAME, SOLID STATE IMAGING  
UNIT AND METHOD FOR PRODUCING THE SAME, AND IMAGING APPARATUS

for which application for Letters Patent of the United States

- is being filed herewith
- has been filed on \_\_\_\_\_ Serial No. \_\_\_\_\_, and

WHEREAS, SHARP KABUSHIKI KAISHA, a Japanese Corporation, having its  
principal place of business at 22-22, Nagaikecho, Abeno-ku, Osaka-shi, Osaka 545-8522  
Japan, its heirs, successors, legal representatives and assigns (hereinafter designated as  
the Assignee) is desirous of acquiring the entire right, title and interest in and to said  
invention and to any Letters Patent(s) that may be granted therefor in the United States  
of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other  
good and valuable consideration to the undersigned, the receipt of which is hereby  
acknowledged, the undersigned has (have) sold, assigned and transferred, and by these  
presents do sell, assign and transfer unto said Assignee the full and exclusive right to the  
said invention in the United States of America and its territories, dependencies and  
possessions and the entire right, title and interest in and to any and all Letters Patent(s)  
which may be granted therefor in the United States of America and its territories,  
dependencies and possessions, and in and to any and all divisions, reissues,  
continuations and extensions thereof for the full term or terms for which the same may  
be granted.

The undersigned agree(s) to execute all papers necessary in connection with this  
application and any continuing, divisional or reissue applications thereof and also to  
execute separate assignments in connection with such applications as the Assignee may  
deem necessary or expedient.

The undersigned agree(s) to furnish all pertinent facts and documents relating to  
said application, said invention and said patent(s) as may be known and accessible to  
the undersigned, and will testify as to the same in any interference or litigation related  
thereto, and will promptly execute and deliver to Assignee any and all papers,  
instruments or affidavits necessary or desirable to apply for, obtain, maintain or enforce  
said application or said patent(s) in connection with any interference which may be  
declared, and any litigation concerning this application or any continuation, division or  
reissue thereof or Patent(s) or reissue patent(s) issued thereon, and to cooperate with the

Assignee in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts & Cushman, Intellectual Property Group of Edwards & Angell, LLP, of 130 Water Street, Boston, Massachusetts 02109-4280, U.S.A. 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he or she has the full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith.

In witness whereof, signed by the undersigned on the date(s) opposite the undersigned names.

Date Aug 26 2002 Signature of Inventor: Keishi MIYAZAKI  
Name: Keishi MIYAZAKI

Date Aug 26 2002 Signature of Inventor: Yasuhito KUDO  
Name: Yasuhito KUDO

Date Aug. 26, 2002

Signature of Inventor: ~~Yasuh~~ Kimihide SASAKI

Name: Kimihide SASAKI

Date \_\_\_\_\_

Signature of Inventor: \_\_\_\_\_

Name: \_\_\_\_\_

Date \_\_\_\_\_

Signature of Inventor: \_\_\_\_\_

Name: \_\_\_\_\_

Date \_\_\_\_\_

Signature of Inventor: \_\_\_\_\_

Name: \_\_\_\_\_