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

1. Name of conveying party(ies):

Minoru Hamada (02/15/2005) and
Yoshihito Higashitsutsumi (02/15/2005)Additional name(s) of conveying party(ies)
attached?☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: in parentheses after inventor name

2. Name and address of receiving party(ies)

Name: Sanyo Electric Co., Ltd.

Internal Address: _____

Street Address: _____

5-5, Keihan-Hondori 2-chome
Moriguchi-Shi, Osaka
JAPAN

City: _____

State: _____

Zip: _____

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: _____

A. Patent Application No.(s):

10/999,910

B. Patent No.(s): _____

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: Jonathan P. Osha
OSHA & MAY L.L.P.

Internal Address: Atty. Dkt.: 08228/065001

Street Address:

1221 McKinney St., Suite 2800

City:

Houston

State:

TX

Zip:

77010

6. Total number of applications and
patents involved:

7. Total fee (37 CFR 3.41)

\$ 40.00☐ Enclosed☐ Authorized to be charged to deposit account☒ Authorized to be charged to credit card

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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.*JEFFREY S. BERGMAN

Name of Person Signing

Jeffrey S. Bergman

Signature

2/28/05

Date

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

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Dated: February 28, 2005

Signature: Beri W. Hartwell

(Beri W. Hartwell)

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PATENT
REEL: 016312 FRAME: 0980



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ASSIGNMENT

譲渡証

本証末尾に署名した者（以下、「発明者」という）
は、適正・相当な対価を受領しており、それが十分な
対価であることを認識した上で、

（氏名または組織名）

（住所）

（以下「会社」という）と、その承継人および譲受人
に対して、

（発明の名称）

という名称で知られ、アメリカ合衆国において末尾署
名者が特許申請をした発明(以下、「発明」という)にか
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を、当該特許申請、その分割、継続、一部継続、再発
行及び延長、並びに、それらに対して与えられる全て
の米国特許証とともに譲渡する。かかる利権とは、
「会社」、その承継人、譲受人、またはそれらの法的
代理人の上記申請に対する、及び、特許証が与えられ
たときはそれに対する、本譲渡が行われなかった場合
に「発明者」に対して特許証が与えられ、また延長さ
れることにより享受しうると同一の期間にわたる完
全な所有権を意味する。

For good and valuable consideration, the
receipt and sufficiency of which are hereby
acknowledged, the undersigned individual(s) (referred
to herein as "INVENTOR(S)") hereby assign, transfer
and set over to:

SANYO ELECTRIC CO., LTD.

having the following address:

**5-5, Keihan-Hondori 2-chome,
Moriguchi-shi, Osaka, Japan**

(referred to herein as "COMPANY"), its successors and
assigns, the entire right, title, and interest for the
United States of America (including without limitation
its territories and possessions) in and to the invention
known by the following title:

SOLID-STATE IMAGE SENSING DEVICE

for which the undersigned has/have executed an
application for patent in the United States of America
(referred to herein as "INVENTION"), together with
said patent application, all divisions, continuations,
continuations-in-part, reissues, and extensions thereof,
and all United States Letters Patent which may be
granted therefor. Such interest represents the entire
ownership of said applications and Letters Patent when
granted and is to be owned by COMPANY, its
successors, and assigns, or their legal representatives,
for the full and entire term for which such Letters
Patent may be granted or extended, as fully and
entirely as the same would have been enjoyed by the
INVENTOR(S) if this assignment had not been made.



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さらに、本証末尾に署名した発明者は、それぞれ、以下のとおり同意する。

1. 発明」に関するアメリカ合衆国における特許申請の出願に関して、更に必要な又は望ましく、適法かつ適切な書類に署名、執行すること。これには、上記申請及びそれらの分割、継続、一部継続、修正を全て含み、更に、それらに関するインターフェアレンス手続、その他「会社」が権限を保持するために必要もしくは望ましいものが含まれるが、その限りではない。
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本証末尾に署名した「発明者」は、それぞれ、アメリカ合衆国特許商標庁長官に対して、当該特許申請（それに基づくすべての分割、継続、一部継続、再発行申請を含むがそれに限らない）から生じるすべての特許証を「会社」に対して発行するよう授權し、かつ、請願する。

本証末尾に署名した「発明者」は、それぞれ、本証の登記にあたりアメリカ合衆国特許商標庁の規則に従って必要もしくは望ましい識別情報を本譲渡証に挿入する権限をオーシャ&メイ法律事務所に授与する。

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA & MAY L.L.P. 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 and Trademark Office for the recordation of this document.



Osha & May

以上を確認の上、下記の者が下記署名に並んで記された日に各自署名して本譲渡証を発効させた。

(署名)
年月日 氏名 (楷書):

(署名)
年月日 氏名 (楷書):

(署名)
年月日 氏名 (楷書):

(署名)
年月日 氏名 (楷書):

(署名)
年月日 氏名 (楷書):

(署名)
年月日 氏名 (楷書):

本譲渡証はアメリカ合衆国のいずれかの州の公証人または下記に署名する2名の証人の面前で署名されるものとする。

(署名)
年月日 氏名 (楷書):

(署名)
年月日 氏名 (楷書):

本譲渡証が特許申請書と同時に提出されなかった場合、下記識別情報が後に追加されるものとする。

米国申請シリアル番号:

申請日:

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature

February 15, 2005
Date

Name: Minoru HAMADA

February 15, 2005
Date

Name: Yoshihito HIGASHITSUTSUMI

Date Name:

Date Name:

Date Name:

Date Name:

This Assignment may be signed before a Notary Public for one of the States of the United States or before two witnesses who sign below:

Date Name:

Date Name:

Where this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

U.S. Application Serial No.:

Filing Date: