

FORM PTO-1595
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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Pa

102268323

.attached original document or copy thereof.

1. Name(s) of conveying party(ies):

- 1) KATSUMI YAMAMOTO
- 2)
- 3)
- 4)
- 5)
- 6)

10-25-02

Additional names of conveying parties attached? _ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ___ Merger
- ___ Security Agreement ___ Change of Name
- ___ Other _____

Execution Dates:

- 1) 10/07/2002 4) _____
- 2) _____ 5) _____
- 3) _____ 6) _____

2. Name and address of receiving party:

Name: HUA WEI SEMICONDUCTOR (SHANGHAI) CO., LTD.Internal Address: SUITE 1003Street Address: 1325 HUAIHAI M. ROADCity SHANGHAI Country CHINAZip: 200031Additional names & addresses attached? _ Yes ☒ No

10/280394

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10/280394
10/25/02

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

If this document is being filed together with a new application,
the execution date of the application is October 25, 2002.

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ___ Yes ___ No

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

Name: PERKINS COIE LLPInternal Address: PATENT-SEACHUN M. NGStreet Address: P.O. Box 1247City: SEATTLE State: WA ZIP: 98111-1247

6. Total number of applications and patents involved.....

1

7. Total Fee (37 CFR 3.41): 40.00

☒ Enclosed

___ Authorized to be charged to deposit account

8. Deposit account number:___

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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.*CHUN M. NG

Name of Person Signing

Signature

OCTOBER 25, 2002

Date

Total number of pages including cover sheet, attachments, and document: 3

ASSIGNMENT

THIS ASSIGNMENT is by Katsumi Yamamoto (the "Assignor"), residing at 1325 Huaihai M. Road, Suite 1003, Shanghai, China 200031. The Assignor has invented certain inventions described in a United States Patent Application entitled IMAGE SENSOR HAVING COMBINATION COLOR FILTER AND CONCAVE-SHAPED MICRO-LENSES (the "Application") and ☒ executed concurrently herewith; or ☐ filed on _____ as Application No. _____ (the "Inventions"). The Assignor authorizes the Assignee, identified below, or its representatives to insert the filing date and application number of the Application when known.

Hua Wei Semiconductor (Shanghai) Co., Ltd., a corporation of the People's Republic of China, having a place of business at 1325 Huaihai M. Road, Suite 1003, Shanghai, China 200031 ("Assignee"), desires to acquire the entire right, title and interest in and to the Inventions and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Inventions in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which we acknowledge, Assignor hereby sells, assigns, and transfers to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Inventions, the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignor warrants that he or she is the sole owner of the Rights, and that the Rights are unencumbered. Assignor also agrees to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; prepare and prosecute the Application or any other applications for Patents; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignor

requests the Commissioner of Patents to issue any Patent of the United States that may be issued on the Inventions to Assignee.

Date: 7 Oct 2002

山本 克己
Katsumi Yamamoto