

PATENT

To
Pleas

07-07-1999

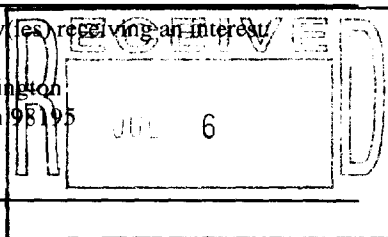


101085889

Atty Docket: OT2.P49

its and Trademarks
ent or copy thereof.1. Name of Party(ies) conveying
Shijun Sun
Yongmin Kim

2. Name and Address of Party(ies) receiving an interest

University of Washington
Seattle, Washington 98195

3. Description of the Interest Conveyed:

☒ Assignment ☐ Change of Name Other: _____
☐ Security Interest ☐ Merger

4. Application number(s) or patent number(s). Additional sheet attached? ☐ Yes ☒ No
If this document is being filed together with a new application, the execution date of the application is:

Date

A. Patent Application No.(s)

B. Patent No.(s)

For: Motion Estimation Within Image
Using Optical Flow with Adaptive GradientsSerial No.: 09/333,317
Filed: June 15, 19995. Name and address of party to whom correspondence
concerning document should be mailed:STEVEN P. KODA (Reg. No. 32, 252)
KODA LAW OFFICE
P.O. BOX 10057
Bainbridge Island, WA. 98110

6. Number of Applications and patents involved: - 1 -

7. Total Fee \$ 40.00

☒ Enclosed☐ Authorized to be charged to Deposit Account8. Deposit account number (attach duplicate copy of this
form if paying by deposit account): 11-1420

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40.00 DP

9. Date of execution of attached document: 6-2-99; 6-18-99

10. I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct,
Executed on:

June 30, 1999

Date

Signature

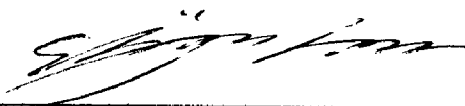
Steven P. Koda
Name of person Signing

**Co-Inventor's ASSIGNMENT of PATENT(S) to the
UNIVERSITY OF WASHINGTON**

WHEREAS, I, Shijun Sun(hereinafter referred to as ASSIGNOR) having a post office address of 4238 - 12th Avenue NE, Seattle, WA 98105, am a co-inventor in the INVENTION(S) referred to as "Motion Estimation within Image Using Optical Flow with Adaptive Gradients" as described and claimed in a specification for which a U.S. PATENT application is filed concurrently herewith.

WHEREAS, the UNIVERSITY OF WASHINGTON, (hereinafter referred to as ASSIGNEE), a public institution of higher education having a place of business at Seattle, Washington is desirous of acquiring the ASSIGNOR'S entire right, title and interest in and to the INVENTION(S) and in and to any letters PATENT(S) that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto ASSIGNEE the ASSIGNOR'S entire right and title to and interest in said application and said INVENTION(S) for the United States of America and its territorial possessions and all foreign countries, 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 territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to claim priority rights deriving from said United States application by virtue of the International Convention, said INVENTION(S) and all applications and PATENT(S) on said INVENTION(S) to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by ASSIGNOR had this sale, assignment and transfer not been made. ASSIGNOR hereby authorizes and requests the Commissioner of PATENT(S) and Trademarks to issue all letters PATENT(S) on said INVENTION(S) to ASSIGNEE. ASSIGNOR hereby further agrees and promises to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said INVENTION(S), to enforce any and all PATENT(S) on said INVENTION(S), and to confirm in ASSIGNEE legal title to said INVENTION(S) and all applications and PATENT(S) on said INVENTION(S), all without charge to ASSIGNEE but at no expense to ASSIGNOR.

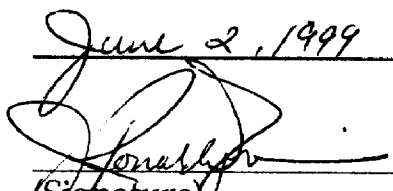


Shijun Sun

STATE OF WASHINGTON

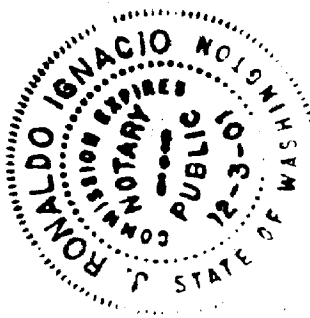
County of King

Signed or attested before me on June 2, 1999 (Date)



(Signature)
Notary Public in + for State of WA.
Title
My appointment expires 12-03-01

(Seal or Stamp)

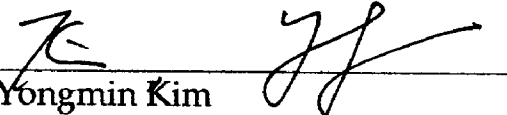


**Co-Inventor's ASSIGNMENT of PATENT(S) to the
UNIVERSITY OF WASHINGTON**

WHEREAS, I, Yongmin Kim(hereinafter referred to as ASSIGNOR) having a post office address of 4431 NE 189th Place, Seattle, WA 98155, am a co-inventor in the INVENTION(S) referred to as "Motion Estimation within Image Using Optical Flow with Adaptive Gradients" as described and claimed in a specification for which a U.S. PATENT application is filed concurrently herewith.


WHEREAS, the UNIVERSITY OF WASHINGTON, (hereinafter referred to as ASSIGNEE), a public institution of higher education having a place of business at Seattle, Washington is desirous of acquiring the ASSIGNOR'S entire right, title and interest in and to the INVENTION(S) and in and to any letters PATENT(S) that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto ASSIGNEE the ASSIGNOR'S entire right and title to and interest in said application and said INVENTION(S) for the United States of America and its territorial possessions and all foreign countries, 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 territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to claim priority rights deriving from said United States application by virtue of the International Convention, said INVENTION(S) and all applications and PATENT(S) on said INVENTION(S) to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by ASSIGNOR had this sale, assignment and transfer not been made. ASSIGNOR hereby authorizes and requests the Commissioner of PATENT(S) and Trademarks to issue all letters PATENT(S) on said INVENTION(S) to ASSIGNEE. ASSIGNOR hereby further agrees and promises to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said INVENTION(S), to enforce any and all PATENT(S) on said INVENTION(S), and to confirm in ASSIGNEE legal title to said INVENTION(S) and all applications and PATENT(S) on said INVENTION(S), all without charge to ASSIGNEE but at no expense to ASSIGNOR.


Yongmin Kim

STATE OF WASHINGTON
County of King

Signed or attested before me on June 18, 1999 (Date)


(Signature)
NOTARY PUBLIC

Title

(Seal or Stamp)

My appointment expires 4-16-2002