

MM 2.8.00 To t
Pleas



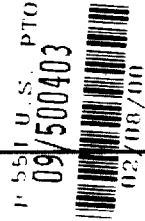
101272754

its and Trademarks
ent or copy thereof.

1. Name of Party(ies) conveying
Todd Schoepflin
Vikram Chalana
David Haynor
Yongmin Kim

ind Address of Party(ies) receiving an interest:
University of Washington
Seattle, Washington 98195

(UW has no street address.
It occupies the entire zip code)



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:

11-12-99, 12-13-99, 12-16-99, 12-21-99

Date

A. Patent Application No.(s)

B. Patent No.(s)

For: VIDEO OBJECT TRACKING USING A
HIERARCHY OF DEFORMABLE TEMPLATES
Serial No.:
Filed: herewith

09/500403

5. 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 Account

8. Deposit account number (attach duplicate copy of this
form if paying by deposit account): 11-1420

02/17/2000 LINDKING 00000020 07500403

03 FCT581

(40.00 EP)

DO NOT USE THIS SPACE

9. Date of execution of attached document: 11-12-99, 12-15-99, 12-16-99, 12-21-99

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:

February 7, 2000

Date

Steven P. Koda
Signature

Steven P. Koda
Name of person Signing

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

WHEREAS, I, Todd Schoepflin (hereinafter referred to as ASSIGNOR) having a post office address of 3801 Brooklyn Avenue NE, L403D, Seattle, WA 98105, am a co-inventor in the INVENTION(S) referred to as "Video Object Tracking Using a Hierarchy of Deformable Templates" 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.

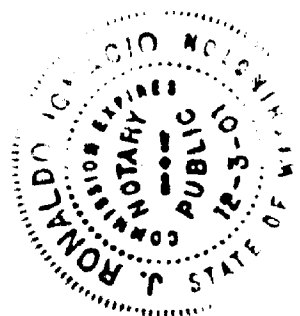
Todd Schoepflin

Todd Schoepflin

STATE OF WASHINGTON

County of King

Signed or attested before me on December 15, 1999 (Date)



(Seal or Stamp)

Ronald G. Ciolek

(Signature)

Notary Public in + for the State of WA.

Title

My appointment expires 12-03-01

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

WHEREAS, I, Vikram Chalana (hereinafter referred to as ASSIGNOR) having a post office address of 15302 - 34th Drive SE, Bothell, WA 98012, am a co-inventor in the INVENTION(S) referred to as "Video Object Tracking Using a Hierarchy of Deformable Templates" 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.

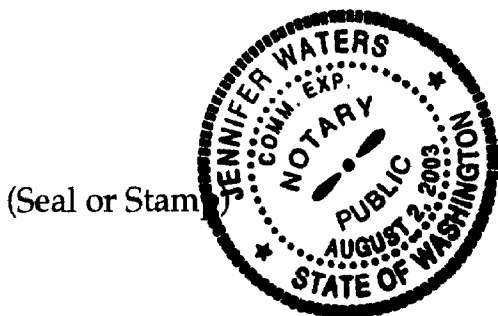
Vikram Chalana
Vikram Chalana

STATE OF WASHINGTON
County of ~~King~~ Snohomish

Signed or attested before me on December 21, 1999 (Date)

Jennifer Waters
(Signature)
Notary Public

Title
My appointment expires 8-2-03



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

WHEREAS, I, David Haynor (hereinafter referred to as ASSIGNOR) having a post office address of 2446 Warren Avenue N., Seattle, WA 98109, am a co-inventor in the INVENTION(S) referred to as "Video Object Tracking Using a Hierarchy of Deformable Templates" 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.

David R Haynor
David Haynor

STATE OF WASHINGTON
County of King

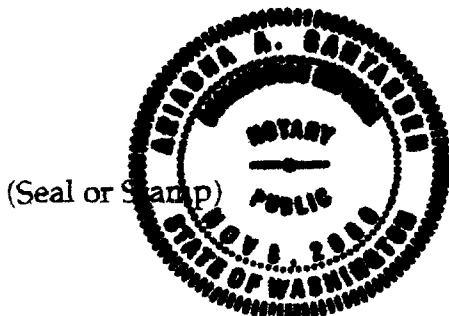
Signed or attested before me on

December 16, 1999 (Date)

Arinda M. French
(Signature)

Notary Public, State of Washington
Title

My appointment expires Nov 8, 2000



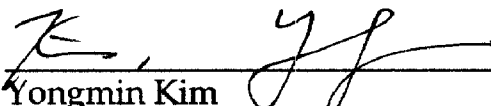
(Seal or Stamp)

**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 4431 NE 189th Place, Seattle, WA 98155, am a co-inventor in the INVENTION(S) referred to as "Video Object Tracking Using a Hierarchy of Deformable Templates" 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 12 November 1999 (Date)



(Signature)
NOTARY PUBLIC

Title

My appointment expires 4-16-2002

(Seal or Stamp)