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Form PTO-159
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Attorney Docket No. P7314-9009
Date: November 30, 1999

MUR 11/30/99

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

1. Name of conveying party(ies)

(1) Naoki CHIBA, (2) Takeo KANADE and (3) Hiroshi KANO

Additional name(s) of conveying party(ies) attached?

Yes No

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

Name: SANYO ELECTRIC CO., LTD.

Address: 5-5, Keihanondori 2-chome
Moriguchi-shi, Osaka 570-0083, Japan and

Name: K²T, Inc.

Address: One South Linden Street
Duquesne, Pennsylvania 15110

Additional name(s) & address(es) attached?

Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: (1) 11/2/99, (2) 11/8/99 and (3) 11/2/99

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

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

A. Patent Application No.(s)

09/410,060

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Nikaido, Marmelstein, Murray & Oram LLP

Street Address: Metropolitan Square, 655 Fifteenth Street,

N.W., Suite 330 - G Street Lobby

Washington, D.C. 20005-5701

6. Total number of applications and patents involved:

One

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

Enclosed-Check No.: 21570

Authorized to be charged to deposit account

8. Deposit account number: 14-1060

(Attach duplicate copy of this page if paying by deposit account)

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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.

George E. Oram, Jr.
Name of Person Signing
Reg. No. 27,931

Signature

November 30, 1999
Date

Total number of pages including cover sheet, attachments, and document: 2

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40.00 DP

PATENT
REEL: 010428 FRAME: 0975

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventors (hereinafter ASSIGNOR) by:

SANYO ELECTRIC CO., LTD.
5-5, Keihanondori 2-chome
Moriguchi-shi, Osaka 570-0083, Japan

and

K²T, Inc.
One South Linden Street
Duquesne, Pennsylvania 15110

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

OPTICAL FLOW ESTIMATION METHOD AND IMAGE SYNTHESIS METHOD

for which application for Letters Patent of the United States was filed on October 1, 1999, Serial No. 09/410,060.

(Nikaido, Marmelstein, Murray & Oram LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventors have affixed their signatures.

Naoki CHIBA Naoki Chiba
(SIGNATURE)

November 2nd, 1999
(DATE)

Takeo KANADE TKanade
(SIGNATURE)

November 8, 1999
(DATE)

Hiroshi KANO Hiroshi Kano
(SIGNATURE)

November 2nd, 1999
(DATE)

NO LEGALIZATION REQUIRED