



07-12-2001



101774886

To the Honorable Commissioner of Patents,

Documents or copy thereof.

1 Name of conveying party(ies):
Harpreet Singh Sawhney, Rakesh Kumar
Steve Hsu
Supun Samarasekera
 Additional name(s) of conveying party(ies) attached? yes no

2. Name of receiving party(ies):
 Name: **Sarnoff Corporation**
201 Washington Road
CN 5300
Princeton, NJ 08543

3 Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Execution Date: 6/12/01 6/12/01 6/12/01 6/12/01

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 patent application, the execution date of this application is:
 A. Patent Application No.(s)
09/800,550

B. Patent No.(s)
 Additional number(s) attached? yes no

5 Name and address of party to whom correspondence concerning document should be mailed:
 Name: **William J. Burke**
Patent Operations
Sarnoff Corporation
201 Washington Road
CN 5300
Princeton, NJ 08543

6 Total number of applications and patents involved: **1**

7 Total fee (37 CFR 3.41):\$ **40**
 Enclosed
 Authorized to be charged to deposit account

8 Deposit Account number: **04-0203**
 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9 Statement and signature.
To the best of my knowledge and belief, the forgoing information is true and correct and any attached copy is a true copy of the original document.

 John V. Silverio Reg. No. 34,014
 Name of Person Signing

John V. Silverio
 Signature

6/27/01
 Date

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

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents and Trademarks
 Box Assignments
 Washington, DC 20231

07/11/2001 DBYRNE 00000212 040203 09800550
 01 FC:581 40.00 CH

ASSIGNMENT

I hereby declare that I am an inventor of the invention relating to **A METHOD OF POSE ESTIMATION AND MODEL REFINEMENT FOR VIDEO REPRESENTATION OF A THREE DIMENSIONAL SCENE** described in an application for Letters Patent of the United States of America filed:

- [] herewith under the above-identified docket number.
- [X] on March 7, 2001 under U.S. application serial no. 09/800,550.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby sell, assign, and transfer to **SARNOFF CORPORATION**, a New Jersey corporation having a place of business at 201 Washington Road, Princeton, NJ 08540-6449, United States of America, its successors, and assigns, my entire right, title, and interest for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues, and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns, or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and, when requested by said corporation and at its expense, will generally do everything possible to aid said corporation, its successors, assigns, and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns, or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document which may be required in any country for any purpose and, more particularly, in proof of the right of said corporation or its successors, assigns, or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with said corporation, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge, the right, title, and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Date: 6-12-01

By: Harpreet Singh Sawhney
Harpreet Singh Sawhney
17 Melville Road
West Windsor, NJ 08550

1st Witness Tami De Vitis
(print or type)

J. De Vitis
(signature)

2nd Witness _____

(print or type)

(signature)

Date: 06/12/01

By: Rakesh Kumar

Rakesh Kumar
966 Ridge Road
Monmouth Junction, NJ 08852

1st Witness Tami DeVitis
(print or type)

[Signature]
(signature)

2nd Witness _____
(print or type)

(signature)

Date: 6/12/01

By: Steve Hsu

Steve Hsu
1134 Country Mill Drive
Cranbury, NJ 08512

1st Witness Tami DeVitis
(print or type)

[Signature]
(signature)

2nd Witness _____
(print or type)

(signature)

Date: 06/12/01

By: [Signature]

Supun Samarasekera
24 Blackstone Drive
Princeton, NJ 08540

1st Witness Tami DeVitis
(print or type)

[Signature]
(signature)

2nd Witness _____
(print or type)

(signature)