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REGISTRATION FORM COVER SHEET

11-12-1998

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings

To the Honorable Commissioner of

1. Name of conveying party(ies):

Vishvjit Singh Nalwa

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

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

Execution Date: October 29, 1998



100877498

the attached original documents or copy thereof.
and address of receiving party(ies):

Name: Lucent Technologies Inc.

Internal Address: _____

Street Address: 600 Mountain Avenue

P.O. Box 636

City: Murray Hill State: NJ ZIP: 0636-07974

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 application, the execution date of the application is: _____

A. Patent Application No.(s)

09/141885

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Docket Administrator

Internal Address: Room 3C512

Street Address: 600 Mountain Avenue

P.O. Box 636

City: Murray Hill State: NJ ZIP: 07974

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: 12-.2325

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

11/10/1998 SDRMS 00000130 122325 09141885

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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.

Christopher N. Malvone

Name of Person Signing

Signature

11/2/98

Date

Total number of pages comprising cover sheet

1

ASSIGNMENT AND AGREEMENT

For value received, I, Vishvjit Singh Nalwa, of Middletown in the County of Monmouth and State of New Jersey, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey, 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Compact High Resolution Panoramic Viewing System** described in an application for Letters Patent of the United States, Serial No. 09/141885, filed August 28, 1998, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

V.S. Nalwa 13

I agree that, when requested, I shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Nalwa

Vishvjit Singh Nalwa

Date: Oct. 29, '98

United States of America)
State of *New Jersey*) ss.:
County of *Monmouth*)

On this 29th day of October, 1998, before me personally came Vishvjit Singh Nalwa, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Linda L. Zaveta

Notary Public

LINDA L. ZAVETA
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Oct. 12, 1999

Lucent Technologies Inc.
600 Mountain Avenue (Room 3C-512)
P. O. Box 636
Murray Hill, New Jersey 07974-0636