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To the Honorable Commissioner of Patent

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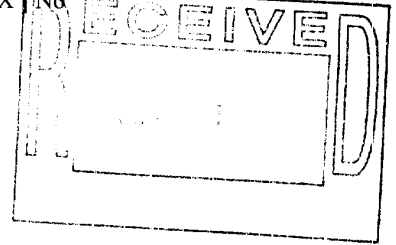
1. Name of conveying party(ies):
 SHREE K. NAYAR
 RAHUL SWAMINATHAN
 JOSHUA M. GLUCKMAN

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

2. Name and address of receiving party(ies)

Name: The Trustees of Colombia University in the City of New York
 Address: 116th Street & Broadway

City: New York State: NY Zip: 10027
 Additional name(s) and address(es) attached?
 Yes No



3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name

Other _____

Execution Date: April 27, 1998

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)
 09/034,745

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Henry Tang

BAKER & BOTTS, L.L.P.

Address: 30 Rockefeller Plaza - 44 Fl.

City: New York State: NY Zip: 10112

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:
02-4377
 (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 instrumentation is true and correct and any attached copy is a true copy of the original document.

Leonardo Renna

Name of Person Signing

Leonardo Renna

Signature

May 28, 1998

Date

Total number of pages including cover sheet, attachments and document: 4

PATENT

REEL: 9230 FRAME: 0434

A S S I G N M E N T

WHEREAS, WE, SHREE K. NAYAR, a citizen of India, residing in the City of New York, County of New York, and State of New York, whose post office address is 560 Riverside Drive, Apt. 15D, New York, NY 10027; RAHUL SWAMINATHAN, a citizen of India, residing in the City of New York, County of New York, and State of New York, whose post office address is Columbia University, Department of Computer Science, 1214 Amsterdam Avenue, Mail Code 0401, New York, New York, 10027; and JOSHUA M. GLUCKMAN, a citizen of the United States of America, residing in Brooklyn, Kings County, State of New York, whose post office address is 199 Dean Street, Brooklyn, New York 11217; have made an invention entitled "A COMBINED WIDE-ANGLE AND NARROW-ANGLE IMAGING SYSTEM FOR SURVEILLANCE AND MONITORING" as set forth and described in application for Letters Patent of the United States, Serial No. 09/034,7454, filed March 4, 1998; and

WHEREAS, THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK (hereinafter "COLUMBIA"), having its principal place of business at 116th Street & Broadway, New York, New York 10027, is desirous of acquiring the whole right, title and interest in and to said Letters Patent and any continuations, divisions, extensions, substitutions, reissues and reexaminations thereof;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the said SHREE K. NAYAR, RAHUL SWAMINATHAN, and JOSHUA M. GLUCKMAN, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said COLUMBIA, and other valuable considerations unto us moving from said COLUMBIA, at or before the ensembling and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said COLUMBIA, its successors and assigns, the entire right, title and interest in and to the said invention as set forth and described in the specification forming a part of the application for Letters Patent of the United States for "A COMBINED WIDE-ANGLE AND NARROW-ANGLE IMAGING SYSTEM FOR SURVEILLANCE AND MONITORING", as set forth and described in application for Letters Patent of the United States, Serial No. 09/034,7454, filed March 4, 1998, and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

IN WITNESS WHEREOF, I, the said RAHUL SWAMINATHAN, have hereunto set my hand and seal on the date below written.

Rahul
RAHUL SWAMINATHAN

STATE OF NEW YORK
COUNTY OF NY) : ss.:

BE IT KNOWN, that on this 27th day of APRIL, 1998, before me personally came RAHUL SWAMINATHAN, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

PATRICIA H. WELCH
Notary Public, State of New York
No. 01WE 4812527
Qualified in Kings County
Commission Expires August 31, 1998

Patricia Welch
Notary Public

IN WITNESS WHEREOF, I, the said JOSHUA M. GLUCKMAN, have hereunto set my hand and seal on the date below written.

Joshua M. Gluckman
JOSHUA M. GLUCKMAN

STATE OF NEW YORK
COUNTY OF NY) : ss.:

BE IT KNOWN, that on this 27th day of APRIL, 1998, before me personally came JOSHUA M. GLUCKMAN, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

PATRICIA H. WELCH
Notary Public, State of New York
No. 01WE 4812627
Qualified in Kings County
Commission Expires August 31, 1998

Patricia Welch
Notary Public