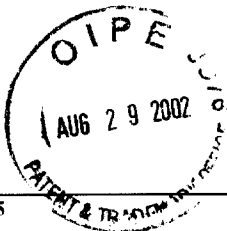
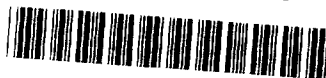


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09-05-2002

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PATENT OFFICEForm PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

Francis M. Houlihan (08/23/2002), Kunnavakkam P.
Madanagopal (08/14/2002), James A. Liddle
(07/29/2002), and Omkaram Nalamasu (08/23/2002)Additional name(s) of conveying party(ies)
attached?☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: August 23, 2002

2. Name and address of receiving party(ies)

Name: Agere Systems Inc.

Internal Address:

Street Address:

555 Union Boulevard

City: Allentown

State: PA

Zip: 18109

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 new application is:

A. Patent Application No.(s):

10/157,015

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: Thomas J. D'Amico
DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP

Internal Address: Atty. Dkt.: Houlihan 24-1-17-25

Street Address:
2101 L Street NWCity:
Washington

State: DC Zip: 20037-1526

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☒ Authorized to be charged to credit card
(Form 2038 enclosed)

8. Deposit account number:

04-1073

(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 foregoing information is true and correct and any attached copy
is a true copy of the original document.*

Thomas J. D'Amico (28,371)

Name of Person Signing

Signature

August 29, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 6

08/30/2002 SSITHIB1 00000123 10157015

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40.00 DP

ASSIGNMENT AND AGREEMENT

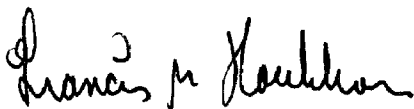
For value received, we, Francis M. Houlihan, of the city of Millington, in the county of Morris, in the state of New Jersey, Madanagopal V. Kunnnavakkam, of the city of Ithaca, in the county of Tompkins, in the state of New York, James A. Liddle, of the city of Walnut Creek, in the county of Contra Costa, in the state of California and Omkaram Nalamasu, of the city of Bridgewater, in the county of Somerset, in the state of New Jersey hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 555 Union Boulevard, Allentown, Pennsylvania 18109, 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 MICRO-LENS ARRAY AND METHOD OF MAKING A MICRO-LENS ARRAY described in an application for Letters Patent of the United States, serial no. 10/157,015, filed May 30, 2002, 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 we also concurrently hereby sell, assign and transfer to Agere Systems 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.

We authorize Agere Systems 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 us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We 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 Agere Systems Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

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

We agree that, when requested, we shall, without charge to Agere Systems 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.

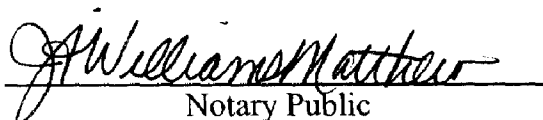


Francis M. Houlihan

Date: 23 AUG 2002

United States of America)
State of NEW Jersey.)ss.:
County of MORRIS)

On this 23rd day of August, 2002, before me personally came Francis M. Houlihan, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

**JUDITH A. WILLIAMSMATTHEW
REGISTERED IN UNION COUNTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/19/2007**

Kunnavakkam

Madanagopal V. Kunnavakkam

Date: 14th August '02

United States of America)

State of NY)ss.: 124-82-201

County of TOMPKINS)

On this 14th day of AUGUST, 2002, before me personally came Madanagopal V. Kunnavakkam, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

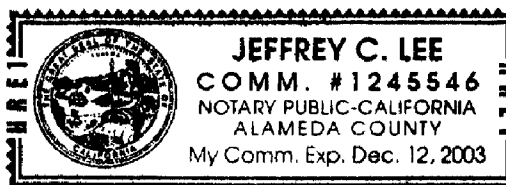
Marilyn E. Mazza
Notary Public

MARILYN E. MAZZA
Notary Public, State of New York
No. 01MA4713480
Qualified in Tompkins County
Commission Expires November 30, 2002

James A. Liddle
James A. Liddle

Date: 07/29/02

United States of America)
State of CALIFORNIA)ss.:
County of ALAMEDA)



On this 29th day of July, 2002, before me
personally came James A. Liddle, to me known to be the
individual described in and who executed the foregoing instrument, and acknowledged
execution of the same.

[Signature]
Notary Public

Omkaram Nalamasu
Omkaram Nalamasu

Date: 08/23/02

United States of America)
State of NJ)ss.:
County of Somerset)

On this 23rd day of August, 2002, before me
personally came Omkaram Nalamasu, to me known to be the
individual described in and who executed the foregoing instrument, and acknowledged
execution of the same.

Judith A. WilliamsMatthew
Notary Public

JUDITH A. WILLIAMSMATTHEW
REGISTERED IN UNION COUNTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/19/2007