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U.S. DEPARTMENT OF COMMERCE
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RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

LSI CORPORATION

Execution Date(s): July 8, 2011

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

2. Name and address of receiving party(ies)

Name: INVENSAS CORPORATION

Internal Address:

Street Address:

3025 ORCHARD PARKWAY

City: SAN JOSE

State: CALIFORNIA

Country: United States of America Zip: 95134

Additional name(s) & address(es) attached: ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

4. Application or patent number(s):

A. Patent Application No.(s)

☐ This document is being filed together with a new application

B. Patent No.(s)

5,466,635 5,933,710
 5,698,465 7,105,926
 5,872,404 7,569,472

Additional numbers attached? ☐ Yes ☒ No

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

Name: Daryl K. Neff
 LERNER, DAVID, LITTENBERG,
 KRUMHOLZ & MENTLIK, LLP

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6. Total number of applications and patents involved:

6

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 240.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

- a. Credit Card Last 4 Numbers _____
 Expiration Date _____
 b. Deposit Account Number 12-1095
 Authorized User Name Daryl K. Neff

9. Signature:



Signature

July 18, 2011

Date

Daryl K. Neff 38,253

Name of Person Signing

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

3

ASSIGNMENT

THIS ASSIGNMENT ("Assignment"), effective as of July 8, 2011, is made by and between LSI Corporation, a Delaware corporation, doing business as LSI Logic Corporation in Alabama, California, Illinois, Maryland, New Hampshire, New York, North Carolina, Ohio, Oregon, Pennsylvania, Texas, and Virginia, and having an office at 1110 American Parkway NE, Allentown, Pennsylvania 18109-9138, United States, ("Assignor") and Invensas Corporation, a Delaware corporation having an office at 3025 Orchard Parkway, San Jose, California 95134 ("Assignee").

WHEREAS, Assignor has agreed to assign to Assignee all right, title and interest in, to and under: (a) the patent applications and patents listed in Exhibit A hereto; (b) all reissue, divisional, continuation, continuations-in-part, extension, renewal, re-examination, foreign counterparts and other patent applications and patents resulting from the foregoing patent applications and patents; (c) all rights corresponding to any of the foregoing patent applications and patents throughout the world (including the right to claim the priority date of any of the foregoing patent applications and patents); and (d) all inventions and improvements described in the foregoing patent applications and patents; except for U.S. Patent No. 7,863,716 and any patent applications and patents resulting from such patent (collectively, the "Patents");

WHEREAS, Assignor owns all right, title, and interest in, to and under the Patents;

NOW, THEREFORE, for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged:

Assignor hereby sells, assigns, transfers, conveys and sets over to Assignee, the entire right, title, and interest Assignor holds, or may come to hold, in, to, and under the Patents.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed by its duly authorized officer as of this 8 day of July, 2011.

LSI CORPORATION

By: _____
 Name: Warren K. Waskiewicz
 Title: VP - Licensing

State of Pennsylvania
 County of Lehigh

On this 8 day of July, 2011, before me appeared Warren K. Waskiewicz, to me personally known who, being duly sworn, did depose and say that he is the VP - Licensing of the company named in and which executed the foregoing instrument; and that said instrument was signed on behalf of said company; and said person acknowledged said instrument to be the free and authorized act and deed of said company.

COMMONWEALTH OF PENNSYLVANIA
 Notary Seal
 Linda J. Dombroski, Notary Public
 Hanover Twp., Lehigh County
 My Commission Expires Feb. 4, 2014
 Member - Pennsylvania Association of Notaries

Notary Public

My Commission Expires: Feb. 4, 2014

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EXHIBIT A

IDENTIFIED PATENTS AND PATENT APPLICATIONS

Date Format (YYYY-MM-DD)

1. U.S. Parents and Applications

US Patent	File Date	Issued Date	Application No.	Title
US5466635	1994-06-02	1995-11-14	08,252,691	Process for making an interconnect bump for flip-chip integrated circuit including integral standoff and hourglass shaped solder coating
US5698465	1995-06-07	1997-12-16	08,474,305	Process for manufacturing an interconnect bump for flip-chip integrated circuit including integral standoff and hourglass shaped solder coating
US5872404	1997-02-06	1999-02-16	08,795,107	Interconnect bump for flip-chip integrated circuit including integral standoff and hourglass shaped solder coating
US5933710	1997-08-13	1999-08-03	08,910,608	Method of providing electrical connection between an integrated circuit die and a printed circuit board
US7105926	2003-11-24	2006-09-12	10,720,958	Routing scheme for differential pairs in flip chip substrates
US7509472	2006-10-31	2009-08-04	11,590,961	Method and apparatus of power ring positioning to minimize crosstalk

2. Foreign Patents and Applications

NONE.