503127449 01/08/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3174058

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	08/16/2012

CONVEYING PARTY DATA

Name	Execution Date
PROVIGENT, INC.	08/16/2012
DUNE NETWORKS, INC.	08/16/2012

RECEIVING PARTY DATA

Name:	BROADCOM CORPORATION	
Street Address:	5300 CALIFORNIA AVENUE	
City:	IRVINE	
State/Country:	CALIFORNIA	
Postal Code:	92617	

PROPERTY NUMBERS Total: 6

Property Type	Number
Patent Number:	6711028
Patent Number:	7088731
Patent Number:	7095744
Patent Number:	7525995
Patent Number:	7619970
Patent Number:	7990858

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 202-371-2600

Email: rsokohl@skgf.com, ctorres@skgf.com

Correspondent Name: ROBERT E. SOKOHL

Address Line 1: 1100 NEW YORK AVENUE, N.W. Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	1875.0000000
NAME OF SUBMITTER:	ROBERT SOKOHL
SIGNATURE:	/Robert Sokohl Reg. No. 36,013/

PATENT 503127449 REEL: 034661 FRAME: 0947

DATE SIGNED: 01/08/2015

Total Attachments: 4

source=2012-08-16 CERTIFICATE OF OWNERSHIP AND MERGER DE -Provigent and Dune-#page1.tif source=2012-08-16 CERTIFICATE OF OWNERSHIP AND MERGER DE -Provigent and Dune-#page2.tif source=2012-08-16 CERTIFICATE OF OWNERSHIP AND MERGER DE -Provigent and Dune-#page3.tif source=2012-08-16 CERTIFICATE OF OWNERSHIP AND MERGER DE -Provigent and Dune-#page4.tif

PATENT REEL: 034661 FRAME: 0948 Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF

DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT

COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"DUNE NETWORKS, INC.", A DELAWARE CORPORATION,
"PROVIGENT, INC.", A DELAWARE CORPORATION,

WITH AND INTO "BROADCOM CORPORATION" UNDER THE NAME OF

"BROADCOM CORPORATION", A CORPORATION ORGANIZED AND EXISTING

UNDER THE LAWS OF THE STATE OF CALIFORNIA, AS RECEIVED AND FILED

IN THIS OFFICE THE SIXTEENTH DAY OF AUGUST, A.D. 2012, AT 6:46

O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE KENT COUNTY RECORDER OF DEEDS.

5199973 8100M

DATE: 08-17-12

AUTHENT\[CATION: 9788367

PATENT REEL: 034661 FRAME: 0949

Jeffrey W. Bullock, Secretary of State

120945206

You may verify this certificate online at corp.delaware.gov/authver.shtml

State of Delaware Secretary of State Division of Corporations Delivered 06:54 PM 08/16/2012 FILED 06:46 PM 08/16/2012 SRV 120945206 - 3272682 FILE

CERTIFICATE OF OWNERSHIP AND MERGER

of

Provigent, Inc., a Delaware corporation

and

Dune Networks, Inc., a Delaware corporation

into

Broadcom Corporation, a California corporation

Broadcom Corporation (hereinafter called the "Corporation"), a corporation organized and existing under laws of the State of California, does hereby certify:

- 1. The Corporation is a business corporation of the State of California.
- 2.1. The Corporation is the owner of all of the outstanding shares of stock of Provigent, Inc., which is a business corporation of the State of Delaware.
- 2.2. The Corporation is the owner of all of the outstanding shares of stock of Dune Networks, Inc., which is a business corporation of the State of Delaware.

(Corporations 2.1 through 2.2 referenced above are hereinafter referred to, collectively, as the "Disappearing Corporations").

- 3. The laws of the jurisdiction of organization of the Corporation permit the merger of a business corporation of that jurisdiction with a business corporation of another jurisdiction.
- 4. The Corporation hereby merges the Disappearing Corporations into the Corporation.
- 5. The following is a copy of the resolutions adopted on August 16, 2012 by the Board of Directors of the Corporation to merge the Disappearing Corporations into the Corporation:

WHEREAS, the Company owns all of the issued and outstanding shares of stock of the Disappearing Corporations; and

WHEREAS, the Company desires to simplify its organizational structure by merging the Disappearing Corporations into itself (collectively, the "Mergers"):

NOW, THEREFORE, BE IT RESOLVED, that the Company is hereby authorized to merge into itself the Disappearing Corporations, and to assume all rights, obligations and SFODMS/6654227.2

PATENT REEL: 034661 FRAME: 0950 interests of such subsidiaries pursuant to Section 1110 of the California Corporations Code;

RESOLVED FURTHER, that the Mergers are hereby adopted and approved and the Disappearing Corporations shall be merged with and into the Company pursuant to the Delaware General Corporation Law;

RESOLVED FURTHER, that the separate existence of the Disappearing Corporations shall cease as soon as the Mergers shall become effective, and thereupon the Disappearing Corporations and the Company will become a single corporation with the Company as the surviving entity, which shall continue to exist under, and be governed by, the laws of the State of California; and

RESOLVED FURTHER, that the Company, which is a business corporation of the State of California and is the owner of all of the outstanding shares of the Disappearing Corporations, does hereby merge the Disappearing Corporations with and into the Company pursuant to the provisions of the California Corporations Code and the General Corporation Law of the State of Delaware and does hereby assume all of the liabilities of the Disappearing Corporations.

6. The Corporation does hereby agree that it may be served with process in the State of Delaware in any proceeding for enforcement of any obligation of the Disappearing Corporations, as well as for enforcement of any obligation of this Corporation arising from the merger herein provided for; does hereby irrevocably appoint the Secretary of State of the State of Delaware as its agent to accept service of process in any such proceeding; and does hereby specify the following address without the State of Delaware to which a copy of such process shall be mailed by the Secretary of State of the State of Delaware:

c/o Broadcom Corporation 5300 California Avenue Irvine, California 92617

[Signature Page Follows]

Executed on this 16th day of August, 2012.

Broadcom Corporation, a California corporation/

By:

Name:

Arthur Chong

Its:

Executive Vice President, General Counsel and Secretary

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PATENT REEL: 034661 FRAME: 0952