

07-28-2006

Form PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)



U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

103282428
PATENTS ONLY

ET Docket No. 2875.0750001

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

7.24.06

1. Name of conveying party(ies)

Joseph TARDO

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

2. Name and address of receiving party(ies)
Name: Broadcom Corporation
Internal Address: _____

113014 U.S. PTO
11/19/1166



072406

3. Nature of conveyance/Execution Date(s):
Execution Date(s) May 17, 2002
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

Street Address: 16215 Alton Parkway
_____ City: Irvine
State: California
Country: United States Zip: 92618-3616
Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)

To Be Assigned

Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address to whom correspondence concerning document should be mailed:
Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.
Internal Address: c/o Robert Sokohl
_____ Street Address: 1100 New York Avenue, N.W.
_____ City: Washington
State: D.C. Zip: 20005-3934
Phone Number: (202) 371-2600
Fax Number: (202) 371-2540
Email Address: rsokohl@skgf.com

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
 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 1005
Expiration Date 08/2009
b. Deposit Account Number 19-0036
Authorized User Name SKGF PLLC

9. Signature: _____ July 24, 2006
Signature Date

Robert Sokohl, Registration No. 36,013 Total number of pages including cover sheet, attachments, and documents: 3
Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 558,383

07/26/2006 MBERHE 00000024 11491166
04 FC:AD21 (40.00 DP)

ASSIGNMENT OF PATENT APPLICATION

Whereas I an undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

METHODS AND APPARATUS FOR PERFORMING AUTHENTICATION AND DECRYPTION

(Atty. Docket No. BRCMP019/BP 2278), (check one)

- for which I have executed a U.S. patent application on even date herewith. (Accompanying)
 which bears U.S. application No. _____ . (Not accompanying)
 which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I an undersigned inventor hereby:

- 1) Sell, assign and transfer to Broadcom Corporation, a California Corporation, corporation having a place of business at 16215 Alton Parkway, Irvine, California 92618-3616 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents (including foreign patents and the right to claim priority) granted upon, the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1. Inventor Signature:

Joseph V. Tardo
Joseph Tardo

Date: 5-17-2002

State of California)

County of _____)

ss.

On this _____ day of _____, in the year 2002, before me, _____, Notary Public, personally appeared Joseph Tardo, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.

Notary Signature _____

ASSIGNMENT OF PATENT APPLICATION

Whereas I an undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

METHODS AND APPARATUS FOR PERFORMING AUTHENTICATION AND DECRYPTION

(Atty. Docket No. BRCMP019/BP 2278), (check one)

- for which I have executed a U.S. patent application on even date herewith. (Accompanying)
 which bears U.S. application No. _____ . (Not accompanying)
 which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I an undersigned inventor hereby:

- 1) Sell, assign and transfer to Broadcom Corporation, a California Corporation, corporation having a place of business at 16215 Alton Parkway, Irvine, California 92618-3616 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents (including foreign patents and the right to claim priority) granted upon, the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

**DO NOT FORWARD
TO ASSIGNMENT BRANCH
NOT FOR RECORDATION**

Revised 01/02, Assign US Notary

Revised 01/02, Assign US Notary

RECORDED: 07/24/2006

PATENT
REEL: 018088 FRAME: 0950