ASSIGNMENT

03-02-2005

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102951053

2-18-05

Commissioner of Patents:

Please record the attached document.

1. Name of conveying party:
    a) Ali Noorbakhsh
    b) David Keene
    c) John Lattanzi
    d) Ram Chilukuri

2. Name and address of receiving party:
    a) Name: Genesis Microchip Inc.
        Address: 2150 Gold Street
                   Alviso, CA 95002

3. Nature of conveyance:
    ☒ Assignment   ☐ Merger
    ☐ Security Agreement   ☐ Change of Name
    ☐ Other _____   ☐ License Agreement

    Execution Date: a) Ali Noorbakhsh executed February 11, 2005
                       b) David Keene executed February 14, 2005
                       c) John Lattanzi executed February 14, 2005
                       d) Ram Chilukuri executed February 11, 2005

4. Application Number or Patent Number: Unassigned

    The title of the application is: AUTOMATIC ACTIVITY DETECTION IN A DISPLAY
    CONTROLLER

5. Please send all correspondence concerning this document to:

    Beyer Weaver & Thomas, LLP
    P.O. Box 70250
    Oakland, CA 94612-0250
    Customer Number: 022434

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): $40.00

    ☒ Enclosed.
    ☐ Charge to Deposit Account No. 500388 (Order No. _____).
    ☐ Any additional fees are authorized to be charged to Deposit Account No. 500388
       (Order No. _____).

Date: February 18, 2005

                                    _____
                                    Michael J. Ferrazano
                                    Registration No. 44,105

        Total number of pages including this cover sheet, attachments and documents: 3

Attorney Docket No. GENSP133   (Revised 9/03)

PATENT
REEL: 016304 FRAME: 0238

ASSIGNMENT OF PATENT APPLICATION

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

AUTOMATIC ACTIVITY DETECTION IN A DISPLAY CONTROLLER

(Atty. Docket No. GENSP133), (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 Genesis Microchip Inc., a Delaware corporation having a place of business at 2150 Gold Street, Alviso, California 95002 ("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 United States 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 representatives, 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)   Signature: _____   Date: 2, 11, 05
        Typed Name: Ali Noorbakhsh

2)   Signature: _____   Date: 2-14-05
        Typed Name: David Keene

3)   Signature: _____   Date: _____
        Typed Name: John Lattanzi

4)   Signature: _____   Date: 02/11/05
        Typed Name: Ram Chilukuri

Revised 06/01, Assign US or Foreign No Notary

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1)   Signature: _____   Date: 2/11/05
      Typed Name: Ali Noorbakhsh

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      Typed Name: David Keene

3)   Signature: _____   Date: 2/14/05
      Typed Name: John Lattanzi

4)   Signature: _____   Date: 02/11/05
      Typed Name: Ram Chilukuri

Revised 06/01, Assign US or Foreign No Notary