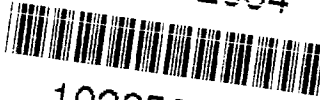


02-03-2004



102659938

TO THE ASSISTANT COMMISSIONER OF ... SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)): 1. Premal Buch 2. Manjit Borah 3. 4. ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? [] YES [X] NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: MAGMA DESIGN AUTOMATION, INC.

ADDRESS: 2 Results Way, Cupertino, California 95014 ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? [] YES [X] NO

3. NATURE OF CONVEYANCE (DOCUMENT): (Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document) [X] ASSIGNMENT OF [X] WHOLE [X] PATENT APPLICATION [X] ORIGINAL [] FACSIMILE/PHOTOCOPY [] CHANGE OF NAME [] VERIFIED TRANSLATION [] SECURITY [] MERGER [] OTHER: EXEC. DATES: December 30, 2003; January 8, 2004

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH:

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? [] YES [X] NO

Table with 6 columns: A. PAT. APP. NO.(S), Filing Date, 1* INVENTOR if not in item 1, B. PATENT NO(S), Client/Matter No., 1* INVENTOR if not in item 1. Row 1: 09/570,081, 12 May 2000, [], [], []

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Winthrop LLP Intellectual Property Group 1600 Tysons Boulevard McLean, VA 22102

6. NUMBER INVOLVED: Application(s): 1 Patents: 0 = Total: 1

7. AMOUNT OF FEE = \$40

8. CHARGE FEES TO DEPOSIT ACCOUNT NUMBER: 03-3975 UNDER ORDER NO 054355-0269885 MAG-023 dup. sheet not required CLIENT NO. MATTER NO.

02/03/2004 LMUELLER 00000045 033975 09570081

01 FC:8021 40.00 DA

9. STATEMENT AND SIGNATURE. To the best of my knowledge and belief, the foregoing information is true and correct.

Handwritten signature of Ross L. Franks

Signature

By: Ross L. Franks Reg. No. 47,233

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

-- 3 --

Date: January 21, 2004 FAX: (650) 233-4545

TEL: (650) 233-4500

**ASSIGNMENT
of U.S. Patent Application**

WHEREAS, the undersigned (1) **Premal V. Buch** and (2) **Manjit Borah** (hereinafter ASSIGNORS), have made an invention entitled *Method for Rapid Estimation of Wire Delays and Capacitances Based On Placement of Cells*, for which a utility application for Letters Patent of the United States was filed on **May 12, 2000** and assigned **Serial No. 09/570,081**; and

WHEREAS, Magma Design Automation, Inc., ASSIGNEE, a corporation duly organized and existing under the laws of the State of Delaware and having its principal office and place of business at 2 Results Way, Cupertino, California 95014 desires to acquire an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said ASSIGNORS do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNORS hereby authorize and request the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNORS hereby agree to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.


ASSIGNORS furthermore agree upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

The undersigned hereby authorize Pillsbury Winthrop, LLP, of the above address, to insert further identification necessary or desirable for recordation of this document.

Signature

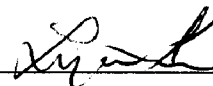
Date Signed

Witness



Premal V. Buch

1/8/2004



Manjit Borah

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of U.S. Patent Application**

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The undersigned hereby authorize Pillsbury Winthrop, LLP, of the above address, to insert further identification necessary or desirable for recordation of this document.

Signature

Date Signed

Witness

Premal V. Buch

Manjit Borah
Manjit Borah

12/30/03