

BOX ASSIGNMENTS

04-10-2003

DO NOT USE FOR TRADEMARKS

TO THE ASSISTANT COMMISSIONER  
SIR: PLEASE RECORD THE ATTACHMENT

102415104

PATENT ONLY

-HEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):

1. Rakesh GHIYA signed March 6, 2003

2. David SEHR signed March 6, 2003

3.

4.

5.

6.

7.

8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

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

NAME: Intel Corporation

ADDRESS: 2200 Mission College Boulevard, Santa Clara, California 95054

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ 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)☒ ASSIGNMENT OF☒ WHOLE☐ PART INTEREST☒ ORIGINAL☐ FACSIMILE/PHOTOCOPY☐ CHANGE OF NAME☐ VERIFIED TRANSLATION☐ SECURITY ☐ MERGER☐ OTHER:

EXEC. DATE: March 6, 2003

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) March 6, 2003

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NO

A. PAT. APP. NO.(S)

M#

1\* INVENTOR

B. PATENT NO.(S)

M#

1\* INVENTOR

series code/serial no

if not in item 1

if not in item 1

if not in item 1

10/331.782

0294377

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

**Roger R. Wise**  
**Pillsbury Winthrop LLP**  
**Intellectual Property Group**  
 725 South Figueroa Street, Suite 2800  
 Los Angeles, CA 90017-5406

6. NUMBER INVOLVED:

APPLNS 1 + PATS 0 = TOTAL = 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

0294377

P15244

 8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE  
 INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 16-1805  
 UNDER ORDER NO. 081674 0294377

MATTER NO.

CLIENT REF.

dup. sheet not required

CLIENT NO.

MATTER NO.

9. To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.

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

2

Signature

Attorney: Roger R. Wise

Reg. No. 31204

Date: April 1, 2003

Atty/Sec: RRW/msg

TEL: (213) 488-7584

FAX: (213) 629-1033

04/09/2003 LMUELLER 00000285 10331782

01 FC:8021

40.00 DP

FILE WITH PTO RETURN RECEIPT (PAT-103A)

No.: PW81674/294377

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, Rakesh GHIYA and; David SEHR hereby sells, assigns, and transfers to Intel Corporation a corporation of California, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, CA 95054,

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

**ESTIMATION OF TYPE-CAST SETS**

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.