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OMD NO. 0651-0011 exp: 5/31/2002

Recd

DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

**FINANCE SECTION**

1. Name of conveying party(ies):  
**Ivan P. Harrow** 04/29/2002  
**David O. Fleming** 04/29/2002  
**Frank X. Daly** 04/29/2002  
**Dermot E. Honan** 04/29/2002  
**Martin G. Curley** 04/29/2002

Additional name(s) of conveying party(ies) attached? **5-13-02**  
 No  Yes

2. Name and address of receiving party(ies):  
 Name: **Intel Corporation**

Internal Address: \_\_\_\_\_

3. Nature of Conveyance  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other:  
 Execution Date(s): **(See above)**

Street Address: **2200 Mission College Blvd.**

City: **Santa Clara** State/Province: **CA** Zip: **95052**  
 Country: **USA**

Additional name(s) & address(es) attached?  Yes  No

4. Application Number(s) or patent number(s):  
 If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)  
**10/095,323**

B. Patent No.(s)  
 \_\_\_\_\_

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
**Alan E. Heimlich**  
 Name: **Blakely, Sokoloff, Taylor & Zafman LLP**  
 Internal Address: \_\_\_\_\_  
 Street Address: **12400 Wilshire Boulevard, 7<sup>th</sup> Floor**  
 City: **Los Angeles** State: **California** Zip: **90025**

6. Total number of applications and patents involved: **1**

7. Total Fee (37 CFR 3.41).....**\$40.00**  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit Account Number:  
**02-2666**  
 (Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.  
To the best of my knowledge and believe, the foregoing is true and correct and any attached copy is a true copy of the original document

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Alan E. Heimlich  
Name of Person Signing  
Reg. No. 48,808

Signature

May 3, 2002  
Date

Total number of pages including cover sheet, attachments, and document: **3**

Mail documents to be recorded with required cover sheet information to:  
Box Assignments, Commissioner of Patents,  
Washington, D.C. 20231

Atty. Docket No. 042390.P14166

PATENT  
REEL: 012893 FRAME: 0698

**ASSIGNMENT**

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we,  
the undersigned, Ivan P. Harrow, David O. Fleming, Frank A. Daly, Dermot E. Honan, and Martin G. Curley,  
hereby sell, assign, and transfer to Intel Corporation  
a corporation of Delaware, having a principal place of business at  
2200 Mission College Blvd., Santa Clara, California 95052, ("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 was filed March 8, 2002, and assigned  
Application No. 10/095,323 and is entitled

**Method and Apparatus for Peer-to-Peer Services**

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.


Date: 29 April 2002, 2002

  
Name: **Ivan P. Harrow**

Date: 29 April 2002, 2002

  
Name: **David O. Fleming**

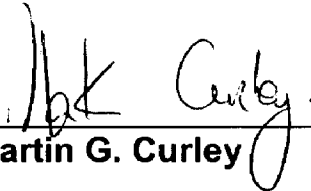
Date: 29<sup>th</sup> April, 2002

  
Name: **Frank A. Daly** FRANK X DALY  
FD

Date: 29 April, 2002

  
Name: **Dermot E. Honan**

Date: 29 April, 2002

  
Name: **Martin G. Curley**

State of: \_\_\_\_\_ }  
County of: \_\_\_\_\_ }

Assignment Document Return Address:  
SS. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Blvd., Seventh Floor  
Los Angeles, California 90025-1026  
(408) 720-8300

On this \_\_\_\_\_ day of \_\_\_\_\_, 2002, before me, \_\_\_\_\_,  
the undersigned Notary Public, personally appeared \_\_\_\_\_

personally known to me  proved to me on the basis of satisfactory evidence to  
be the person(s) whose name(s) subscribed to the within instrument, and  
acknowledged that executed it.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary's Signature