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INPA:186 P5453

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Name of conveying party(ies): Umair A. Khan and Nazar A. Zaidi	2. Name and address of receiving party(ies): Name: Intel Corporation							
Additional name(s) of conveying party(ies) attached?Yes _x_No	Internal Address: 2200 Mission College Blvd.							
3. Nature of conveyance:								
_x Assignment Merger	Street Address: same as above							
Security Agreement Change of Name	City: Santa Clara State: CA Zip: 95052							
Other	Additional name(s) & address(es) attached? Yes _x_ No							
Execution Date: October 29, 1998								
4. Application number(s) or registration number(s):								
If this document is being filed together with a new application, the execution date of the application is: October 30, 1998								
A. Patent Application No.(s)								
B. Patent No.(s)								
Additional numbers a	ttached?Yes _x_No							
5. Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:							
Name: Jeffrey A. Pyle	7. Total fee (37 C.F.R. 3.41)\$_40.00							
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Mark V. Campagna hork	16.30 78							
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Tot	al number of pages including cover sheet, attachments and document: 3							

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Intel Corporation (the "Assignee"), a corporation of Delaware having a place of business at 2200 Mission College Blvd., Santa Clara, California 95052-8119, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "METHODS AND APPARATUS FOR SUMMING SELECTED BITS FROM A PLURALITY OF MACHINE VECTORS" such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal. reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Date_ Oct 29 '98 (Signature) Name: Umair A. Khan STATE OF

BEFORE ME, the undersigned authority, on this 29 day of October, 1998, personally appeared Umair A. Khan known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[seal]

Notary Public My Commission Expires: Aug. 21, 2002

CATHY A. ARIAS Comm. # 1194189 OTARY PUBLIC - CALIFORNIA Santa Clara County Comm. Expires Aug. 21, 2002

(Signature)	sallmind.	Date	129
Name: Nazar	A. Zaidi		

STATE OF California, County of Santa Clara, ss.

BEFORE ME, the undersigned authority, on this 29 day of October, 1998, personally appeared Nazar A. Zaidi known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[seal]

My Commission Expires: Aug. 21, 2002



RECORDED: 10/30/1998

REEL: 9560 FRAME: 0748