

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Vincent J. Zimmer		09/19/2003
Michael A. Rothman		09/19/2003
RECEIVING PARTY DATA		
Name:	Intel Corporation	
Street Address:	2200 Mission College Boulevard	
City:	Santa Clara	
State/Country:	CALIFORNIA	
Postal Code:	95052	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11689954	
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ATTORNEY DOCKET NUMBER:	42P16802D	
NAME OF SUBMITTER:	Dermot G. Miller	
Total Attachments: 2		
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PATENT
REEL: 019057 FRAME: 0154

Attorney's Docket
No.: 42.P16802

ASSIGNMENT**PATENT**

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We
the undersigned, Vincent J. Zimmer, Michael A. Rothman


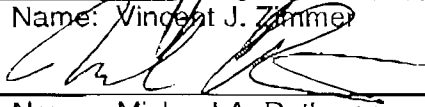
hereby sell, assign, and transfer to Intel Corporation
a corporation of Delaware, having a principal place of business at
2200 Mission College Blvd., Santa Clara, California 95052, ("Assignee"),
and its successors, assigns, and legal representatives, the entire right, title, and interest for the
United States and all foreign countries, in and to any and all improvements that are disclosed in
the application for the United States patent that has been executed by the undersigned prior
hereto or concurrently herewith on the dates indicated below and is entitled MANAGING
PERIPHERAL DEVICE ADDRESS SPACE RESOURCES USING A TUNABLE
BIN-PACKING/KNAPSACK ALGORITHM

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.

Each Inventor: Please Sign and Date Below:

<u>9/19</u> , 2003 Date	 Name: Vincent J. Zimmer
<u>9/19</u> , 2003 Date	 Name: Michael A. Rothman
_____, 2003 Date	_____ Name:
_____, 2003 Date	_____ Name:
_____, 2003 Date	_____ Name:
_____, 2003 Date	_____ Name:

Each Inventor: Please
also list the date that
you signed the
accompanying
DECLARATION AND
POWER OF
ATTORNEY:

<u>9/15</u> , 20 <u>03</u> Date
<u>9/15</u> , 20 <u>03</u> Date
_____, 20____ Date
_____, 20____ Date
_____, 20____ Date
_____, 20____ Date