იგ-2	27-2003 <u>u. [(e. ())</u>			
(Rev. 3/01) OMD NO. 0651-0011 exp. 5/31/2002)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
To the Honorable Commissioner of Patents a. 102	484503			
Name of conveying party(ies):	2. Name and address of receiving party(ies):			
 George I. Bourianoff Robert Lindstedt 	Name: Intel Corporation			
3. Maria Giorgi Additional name(s) of conveying party(ies) attached? ■ No □Yes	Internal Address:			
Nature of Conveyance	Street Address: 2200 Mission College Blvd.			
Assignment	City: Santa Clara State/Provence: CA Zip: 95052 Country: Additional name(s) & address(es) attached? ☐ Yes ■ No			
3. June 16, 2003				
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)	B. Patent No.(s)			
Additional numbers a	taonoa: Li 100 Li 110			
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:			
Name: Blakely, Sokoloff, Taylor & Zafman LLP	7. Total Fee (37 CFR 3.41)\$40.00			
Internal Address: Cory G. Claassen	Enclosed			
Street Address: 12400 Wilshire Boulevard, 7th Floor	Authorized to be charged to deposit account			
City: Los Angeles State: California Zip: 90025	8. Deposit Account Number:			
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9. Statement and signature. To the best of my knowledge and believe, the foregoing is true a document (1)	and correct and any attached copy is a true copy of the original			
Cory G. Claassen, Reg. No.: 50,296	le _ Wre (8, 2003			
Name of Person Signing Signature Date				
Total number of pages including cover sheet, attachments, and document: 5				

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

Atty Docket No. 42P16591

06/23/2003 SSITHIB1 00000019 10465354

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40.00 DP

PATENT REEL: 014206 FRAME: 0609

Attorney's Docket	<u> ASSIGNMENT</u>
No.: 42P16591	(For Execution Prior To Filing Patent Application)

ASSIGNMENT

PATENT

In consideration of good and valuable consideration, the receipt of which is hereby				
acknowledged, we				
the undersigned, George I. Bourianoff, Robert Lindstedt, Harry A. Atwater, Maria Giorgi,				

Robert J. Walters, Julie D. Casperson and Pieter G. Kik hereby sell, assign, and transfer to <u>Intel Corporation</u>

a corporation of <u>Delaware</u>, 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 ELECTRO-OPTICAL NANOCRYSTAL MEMORY DEVICE

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.

Rev. 01/01/2000 (A1)

Each Inventor	r: Please	Sign <u>and Date</u> Below:	ais yo ac Di P(ich Invento so list the d ou signed the companyin ECLARATIO DWER OF ITORNEY:	ate that ne
June 17	, 20 <u>03</u>	Meuro J. Douranoff Name: George I. Bourianoff	J.	<u>un 17</u> Date	, 20 03
Date	, 20 <u>03</u>	Name: Robert Lindstedt		Date	, 20
Date	, 20 <u>03</u>	Name: Harry A, Atwater		Date	_, 20
Date	, 20 <u>03</u>	Name: Maria Giorgi		Date	, 20
Date	, 20 <u>03</u>	Name: Robert J. Walters		Date	_, 20
Date	, 20 <u>03</u>	Name: Julie D. Casperson		Date	_, 20
Date	, 20 <u>03</u>	Name: Pieter G. Kik			
State of:		SS. BLAKELY, SOKOLOFF,	TAYL(/enth	OR & ZAFM	AN LLP
the undersigne [] personally	ed Notary I y known to se name(s	20, before me, Public, personally appeared o me [] proved to me on the basis of sate o) subscribed to the within instru- official seal.	isfacto	ory evidence	to be the
Notary	's Signatui	re			

- 2 -

Rev. 01/01/2000 (A1)

Each Inventor: Please Sign <u>and Date</u> Below:	Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:			
, 20 <u>03</u>	20			
Date Name: George I. Bourianoff	, 20			
Date Name: Robert Lindstedt	June 16, 2003 Date			
, 20 <u>03</u> Date Name: Harry A. Atwater	, 20			
Date Name: Maria Giorgi	, 20			
Date Name: Robert J. Walters	, 20			
Date Name: Julie D. Casperson	, 20			
, 20 <u>03</u> Date Name: Pieter G. Kik				
State of: Assignment Document Return Address:				
On this day of 20, 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				

- 2 -

Rev. 01/01/2000 (A1)

Each Inventor: Please Sign <u>and Date</u> Below:	Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:			
, 20 <u>03</u> Date Name; George I. Bourianoff	20			
. 20 <u>03</u> Date Name: Robert Lindstedt	, 20			
Date Name: Harry A. Atwater	20			
Date Name: Maria Glorgi	6/16 . 2003 Date			
Date Name: Robert J. Walters	, 20			
Date Name: Julie D. Casperson	, 20			
Date Name: Pieter G. Kik				
State of: Assignment Document Return Address:				
On this day of, 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				

Rev. 01/01/2000 (A1)

RECORDED: 06/18/2003