

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Tao WU	12/09/2010
Nicolas R. WATTS	12/09/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Intel Corporation
<b>Street Address:</b>	2200 Mission College Boulevard
<b>City:</b>	Santa Clara
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12890662
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	P33891 (77.218)
<b>NAME OF SUBMITTER:</b>	Geoffrey Bell
<b>Total Attachments: 2</b> source=P33891_Assignment_020111#page1.tif source=P33891_Assignment_020111#page2.tif	

CH \$40.00 12890662

Attorney Docket No.: P33891  
Firm No.: 77.218

## ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Tao WU and Nicolas R. WATTS

hereby sell, assign, and transfer to:

### Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95052 USA ("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 inventions and improvements that are disclosed in the application for the United States patent entitled:

ELECTROLYTIC DEPOSITON AND VIA FILLING IN CORELESS SUBSTRATE PROCESSING

(I hereby authorize and request my attorney, associated with Customer Number 46915, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on September 25, 2010 as

United States Application Number 12/890,662 and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,


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

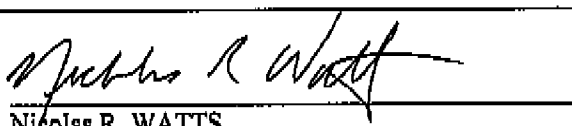
agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and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

Attorney Docket No.: P33891  
Firm No.: 77.218

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.

CITY DATE	(1) at <u>Chandler, AZ</u>	 Tao WU	INVENTOR SIGNATURE
	on <u>December 9</u> , 2010		

CITY DATE	(2) at <u>Chandler, AZ</u>	 Nicolas R. WATTS	INVENTOR SIGNATURE
	on <u>December 9</u> , 2010		