# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Alex Kesselman	08/06/2008
Solomon Trainin	08/10/2008
Yuval Bachrach	11/17/2008

### **RECEIVING PARTY DATA**

Name:	Intel Corporation
Street Address:	2200 Mission College Blvd.
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95052

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12229359

#### **CORRESPONDENCE DATA**

Fax Number: (612)677-3572

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: kryan@intellevate.com

Correspondent Name: Intel Corporation, c/o Intellevate, LLC

Address Line 1: PO Box 52050

Address Line 4: Minneapolis, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	P27184
NAME OF SUBMITTER:	James S. Finn

Total Attachments: 6

source=P27184 Executed Assignment#page1.tif source=P27184 Executed Assignment#page2.tif source=P27184 Executed Assignment#page3.tif

500708359

PATENT REEL: 021855 FRAME: 0261 3CCR777

U UV\$ H

source=P27184 Executed Assignment#page4.tif source=P27184 Executed Assignment#page5.tif source=P27184 Executed Assignment#page6.tif

# **ASSIGNMENT**

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

### ALEX KESSELMAN, SOLOMON TRAININ, YUVAL BACHRACH

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:

# APPARATUS AND METHOD ADAPTED FOR DIRECTIONAL BANDWIDTH RESERVATION WITH FIXED ANNOUNCEMENT SLOT IN WIRELESS NETWORKS

(I hereby authorize and request my attorney, associated with Customer Number 59796, to insert on the designated lines below, the filing date and application number of said application when known.)

which t	was filed	on	August	: 21,	2008	_as
	United	States	Application Number	£	12/229,359	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 applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

INTEL CORPORATION LCA/PAL FORMS

Note to each inventor:

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.

		On the line below, please enter the date on which yo signed the accompanying "Declaration and Power of Attorney":		
Alex Kesselman	(Today's Date)	C Aug 2008 (Date of Declaration)		
Solomon Trainin	(Today's Date)	(Date of Declaration)		
Yuval Bachrach	(Today's Date)	(Date of Declaration)		

# **ASSIGNMENT**

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

### ALEX KESSELMAN, SOLOMON TRAININ, YUVAL BACHRACH

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:

# APPARATUS AND METHOD ADAPTED FOR DIRECTIONAL BANDWIDTH RESERVATION WITH FIXED ANNOUNCEMENT SLOT IN WIRELESS NETWORKS

(I hereby authorize and request my attorney, associated with Customer Number 59796, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed	onAugust	21, 2008	as
United	States Application Number	12/229,38	9 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 applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

INTEL CORPORATION LCA/PAL FORMS

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.

		Note to each inventor: On the line below, please enter the date on which you signed the accompanying "Declaration and Power of Attorney":
Alex Kesselman	(Teday's Date)	(Date of Declaration)
S. Trainis	Aug 10	
Solomon Trainin	Aug 10 (Today's Date) 2008	(Date of Declaration)
Yuval Bachrach	(Today's Date)	(Date of Declaration)

INTEL CORPORATION LCA/PAL FORMS

# **ASSIGNMENT**

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

### ALEX KESSELMAN, SOLOMON TRAININ, YUVAL BACHRACH

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:

# APPARATUS AND METHOD ADAPTED FOR DIRECTIONAL BANDWIDTH RESERVATION WITH FIXED ANNOUNCEMENT SLOT IN WIRELESS NETWORKS

(I hereby authorize and request my attorney, associated with Customer Number 59796, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	August	21,	2008	as
United States Applicati	on Number		32/229,359	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 applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

INTEL CORPORATION LCA/PAL FORMS

covenant with said Assignce, 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.

		Note to each layenter: On the line below, please enter the date on which you signed the accompanying "Declaration and Power of Attorney":
Alex Kesselman	(Today's Date)	(Date of Deciaration)
Solomon Trainin	(Tuday's Date)	(Date of Declaration)
Yuval Bachrach	4//4/2018 (Today's Date)	(Date of Declaration)

INTEL CORPORATION LCA/PAL FORMS

Page 2 of 1