# Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

## **CONVEYING PARTY DATA**

| Name            | Execution Date |
|-----------------|----------------|
| ROBERT A. ZUREK | 12/21/2007     |
| SHAOHAI CHEN    | 12/27/2007     |
| JOEL A CLARK    | 12/21/2007     |
| GILES DAVIS     | 12/21/2007     |
| PAUL R. STEUER  | 12/21/2007     |

#### **RECEIVING PARTY DATA**

| Name:             | MOTOROLA INC         |
|-------------------|----------------------|
| Street Address:   | 600 N US HIGHWAY 45  |
| Internal Address: | IP LAW DEPARTMENT W4 |
| City:             | LIBERTYVILLE         |
| State/Country:    | ILLINOIS             |
| Postal Code:      | 60048                |

#### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 11965077 |

## **CORRESPONDENCE DATA**

Fax Number: (847)523-2350

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

Phone: 847-523-2345

Email: DOCKETING.LIBERTYVILLE@MOTOROLA.COM

Correspondent Name: MOTOROLA INC

600 NORTH US HIGHWAY 45 Address Line 1:

Address Line 2: W4 - 39Q

Address Line 4: LIBERTYVILLE, ILLINOIS 60048-5343

ATTORNEY DOCKET NUMBER: CS34061AUD

**PATENT** 

500428194 REEL: 020293 FRAME: 0934

| NAME OF SUBMITTER:   | RANDALL S. VAAS |
|--|-----------------|
| Total Attachments: 6 source=CS34061AUD_ASSIGN#page1.tif source=CS34061AUD_ASSIGN#page2.tif source=CS34061AUD_ASSIGN#page3.tif source=CS34061AUD_ASSIGN#page4.tif source=CS34061AUD_ASSIGN#page5.tif source=CS34061AUD_ASSIGN#page6.tif |                 |

PATENT REEL: 020293 FRAME: 0935

### ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, ROBERT A. ZUREK, ANTIOCH, IL; SHAOHAI CHEN, LIBERTYVILLE, IL; JOEL A. CLARK, WOODRIDGE, IL; GILES DAVIS, MUNDELEIN, IL; and PAUL R. STEUER, HAWTHORN WOODS, IL, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA, INC., a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in ACOUSTIC RECONFIGURATION DEVICES AND METHODS (Docket No. CS34061AUD), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto MOTOROLA, INC., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize MOTOROLA, INC. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to MOTOROLA, INC., for the sole use and benefit of MOTOROLA, INC., its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA, INC.

We agree that, when requested, we will, without charge to MOTOROLA, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions

PATENT REEL: 020293 FRAME: 0936 in any and all countries and for vesting title thereto in MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

We covenant with MOTOROLA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

| RIKE         |      | DATE: _  | 12/21/07 |   |  |
|--------------|------|----------|----------|---|--|
| Robert A. Zu | ırek |          |          | • |  |
| STATE OF     | IL   | )        |          |   |  |
| COUNTY OF    | LAKE | )ss<br>) |          |   |  |

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Robert A. Zurek, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this <u>JIST</u> day of <u>Jecember</u>, 2007.

My commission expires:

06/14/10

OFFICIAL SEAL
JENNIFER H MAGNESS
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:06/14/10

Notary Public Signature

Notary Public Signature

TENNIFUR 1.1. MGNESS
Printed Name of Notary Public

| John Chan      |          | DATE:           | 12/27/2007 |  |
|----------------|----------|-----------------|------------|--|
| Shaohai Chen   |          | <i>D</i> , (1 L |            |  |
| STATE OF IL    | )<br>)ss |                 |            |  |
| COUNTY OF LAKE | )        |                 |            |  |

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Shaohai Chen, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this <u>47</u> day of **December**, 2007.

My commission expires:

Printed Name of Notary Public

OFFICIAL SEAL JUNE E EDWARDS NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:07/31/11

Joel A. Clark

STATE OF IL

COUNTY OF LAKE

DATE: 12/21/07

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Joel A. Clark, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this <u>AST</u> day of <u>Jucember</u> 2007.

My commission expires:

06/14/10

OFFICIAL SEAL
JENNIFER H MAGNESS
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:06/14/10

Nøjary Publig Signature

Nøjary Publig Signature

TENNIFER H. MIGNESS
Printed Name of Notary Public

| Giles Davis    |          | DATE: 12/21/07 |  |
|----------------|----------|----------------|--|
| STATE OF IL    | )        |                |  |
| COUNTY OF LAKE | )ss<br>) |                |  |

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Giles Davis, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this <u>2157</u> day of <u>Lecember</u>, 2007.

My commission expires:

OFFICIAL SEAL
JENNIFER H MAGNESS
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:06/14/10

Notary Public Signature

Notary Public Signature

Printed Name of Notary Public

Docket No. CS34061AUD

| Paul R. Steuer |          | DATE: | 12/21/2007 |
|----------------|----------|-------|------------|
| STATE OF IL    | )        |       |            |
| COUNTY OF LAKE | )ss<br>) |       |            |

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Paul R. Steuer, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this <u>JST</u> day of <u>Seconber</u>, 2007.

My commission expires:

Notary Public Sygnature

Notary Public Sygnature

Printed Name of Notary Public

OFFICIAL SEAL
JENNIFER H MAGNESS
NOTARY PUBLIC - STATE OF HUMOIS
NY COMMISSION EXPIRES OF 14/10