## 12016944

# CH 840.0

#### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
James D. Johnston	01/18/2008
Qunli Li	01/18/2008
Serge Smirnov	01/18/2008

#### **RECEIVING PARTY DATA**

Name:	Microsoft Corporation	
Street Address:	One Microsoft Way	
City:	Redmond	
State/Country:	OREGON	
Postal Code:	98052	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12016944

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	3382-79577-01

NAME OF SUBMITTER: Stephen A. Wight

Total Attachments: 1

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PATENT

REEL: 020395 FRAME: 0044

MS Docket No. 321809.01 (OC Docket No. 3382-79577-01)

### PATENT ASSIGNMENT

We, James D. Johnston, Qur	nji Li, and Serge Smirnov ("ASSIGNOR"), have
invented subject matter ("INVENTION") di	sclosed and/or claimed in a patent application
entitled "MULTICHANNEL SOUND RENDER	NG VIA VIRTUALIZATION IN A STEREO
LOUDSPEAKER SYSTEM" ("APPLICATION"),	
	executed PATENT ASSIGNMENT. ASSIGNOR
	equests, ASSIGNEE'S legal representatives, of
	, 121 S.W. Salmon Street, Suite 1600,
	o are associated with customer number
	parenthesis (U.S. Serial No. 12/016,944,
	APPLICATION'S U.S. Serial Number and filing
date, when known;	g
	and was given U.S. Serial No
is filed concurrently he	· · · · · · · · · · · · · · · · · · ·
Microsoft Corporation, a Wa	shington Corporation, on behalf of itself and
its successors and assigns ("ASSIGNEE"), i	s entitled to, and is desirous of acquiring, the
entire and exclusive rights, title and inter	est in the INVENTION and the APPLICATION
(and all other applications and patents de	
applications, in and for the United States,	
("APPLICATION DERIVATIVES"));	
For good and valuable cons	deration, the receipt of which is hereby
	GNOR hereby sells, assigns and transfers to
	hts, title and interest in the INVENTION and
the APPLICATION (and APPLICATION DERI	
ASSIGNOR agrees to execute	all instruments and documents required for
	ATION (and APPLICATION DERIVATIVES), for
	therefrom, and for the purpose of protecting
and perfecting title to the APPLICATION (a	
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1/18/08	
DATE	land D. Maran
_	James D. Johnston
1/18/2008	2 90
DATE	Qunli Li
Jan 18 2008	highhour
DATE	Serge Smirnov
	-

Page 1 of 1

**RECORDED: 01/22/2008** 

PATENT REEL: 020395 FRAME: 0045