501902327 04/27/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Javier Rodriguez De Luis	04/23/2012
Alireza Mahanfar	04/25/2012
Benjamin J. Shewan	04/24/2012
Stanley Yu Tao Ng	04/23/2012

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13457026

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Address Line 1: One Microsoft Way

Address Line 2: Patent Group Docketing Dept
Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	335525.01
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NAME OF SUBMITTER: Garyma Saksena

Total Attachments: 2

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PATENT REEL: 028115 FRAME: 0588 0.00 134570

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PATENT ASSIGNMENT

I/WE, Javier Rodriguez De Luis, Alireza Mahanfar, Benjamin J. Shewan, Stanley Yu Tao Ng ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Reconfigurable Multi-band Filter" ("APPLICATION"), which:

図	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby
	authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and
	Corporate Affairs Department, Microsoft Corporation, One Microsoft Way,
	Redmond, Washington 98052, who are associated with customer number
	69316, to insert here in parenthesis (Application No. $\frac{13/457026}{}$,
	filed $\frac{04/26/2012}{}$ this APPLICATION's Application No. and filing date, when
	known;
	was filed on and was given Application No;
	is filed concurrently herewith;
N	licrosoft Corporation, a Washington Corporation, on behalf of itself and its
300	Exercise ("ASSIGNEE") is optitled to and is decirous of acquiring the aptiro

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature	Date
Javier Rodriguez De Luis	04 123 120 12
Printed Name in English	Printed Name in Native Language (if
JAVIER RODRIGUEZ DE LLIE	other than English)

Page 1 of 2

Λ	
Inventor's Signature Alireza Mahanfar	Date 8012 25/2012
Printed Name in English ALIREZA MAUANFAR	Printed Name in Native Language (if other than English)

Inventor's Signature	Date
Benjamin J. Shewan	04/24/2012
Printed Name in English	Printed Name in Native Language (if
Benjamin J. Snewan	other than English)

Inventor's Signature Stanley YU Tao Ng	Date April 23, 2012
Printed Name in English Stanley Yu Tao Na	Printed Name in Native Language (if other than English)