# PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
EFFECTIVE DATE:	10/07/2004	

## **CONVEYING PARTY DATA**

Name	Execution Date
Norman J. Beamish	10/06/2004
Arun Sukheja	10/06/2004
Mark S. Frank	10/07/2004

#### **RECEIVING PARTY DATA**

Name:	Skyworks Solutions, Inc.
Street Address:	20 Sylvan Road
City:	Woburn
State/Country:	MASSACHUSETTS
Postal Code:	01801

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11823290

#### **CORRESPONDENCE DATA**

Fax Number: (949)282-1002

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

Phone: 949-282-1000

Email: msweda@farjami.com

Correspondent Name: Michael Farjami

Address Line 1: 26522 La Alameda Ave., Suite 360
Address Line 4: Mission Viejo, CALIFORNIA 92691

ATTORNEY DOCKET NUMBER:	0140120C
NAME OF SUBMITTER:	Michael Farjami

Total Attachments: 6

PATENT REEL: 019828 FRAME: 0146

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source=0140120C Assignment from Inventors to SKY for 11823290#page1.tif source=0140120C Assignment from Inventors to SKY for 11823290#page2.tif source=0140120C Assignment from Inventors to SKY for 11823290#page3.tif source=0140120C Assignment from Inventors to SKY for 11823290#page4.tif source=0140120C Assignment from Inventors to SKY for 11823290#page5.tif source=0140120C Assignment from Inventors to SKY for 11823290#page6.tif

PATENT REEL: 019828 FRAME: 0147

Attorney Docket No.: 0140120

## ASSIGNMENT

WHEREAS, WE, (1) Norman J. Beamish; (2) Arun Sukheja; and (3) Mark S. Frank residing at (1) 2775 Mesa Verde Drive E, Costa Mesa, CA; (2) 705 Santa Maria Drive, Irvine CA 92606; and (3) 16355 SW Ivy Glenn St., Beaverton, OR 97007 have invented certain new and useful improvements disclosed in an application for United States Letters Patent titled Reducing DSP Schedule Bottlenecks In EDGE Through Premature USF Decoding, filed herewith;

AND WHEREAS <u>SKYWORKS SOLUTIONS, INC.</u>, a <u>Delaware</u> corporation (hereinafter, together with any successors, legal representatives of assigns thereof, called "Assignee"), wants to acquire the entire right, title, and interest in and to said improvements and application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to Assignee the entire right, title, and interest in and to said improvements, and said application and all divisions, substitutions, continuations and continuations-in-part thereof, and all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all applications for patents (including related rights such as utility-model registrations, inventor(s) certificates, and the like), heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all extensions, renewals, and reissues thereof) granted for said improvements in any foreign countries; and WE, hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this assignment;

AND WE HEREBY covenant that WE have full right to convey the entire interest herein assigned, and that WE have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that WE will communicate to Assignee any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute and reissue applications, make all rightful oaths, and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said improvements in all countries.

REEL: 019828 FRAME: 0148

$\sqrt{24}$
IN TESTIMONY WHEREOF, WE hereunto set my hand this 6 day of (clober, 2004)
11-5:30
Norman J. Beamish  STATE OF (Alifornia )
COUNTY OF ORANGE ) ss.
On Rober 6, 2004 before the undersigned, a Notary Public for the State and County aforesaid, personally appeared Norman J. Beamis H., known to me or proved to me on
the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and acknowledged that he/she executed the same in his/her authorized capacity, and that by his/her signature on the
instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.
Signature halles Jom Signature Notory Public - Colifornia &
Orange County My Comm. Expires Jan 13, 2007
water of the state
IN TESTIMONY WHEREOF, WE hereunto set my hand this 6 day of October, 2004
Arun Sukheja
STATE OF (SIFORNIA)  ss.
COUNTY OF ORANGE
On Octoben 6, 2004 before the undersigned, a Notary Public for the State and County
aforesaid, personally appeared <u>ARUN SulfHeja</u> , known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and
acknowledged that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.
SHARLEY TORKI Commission # 1391465
Signature Notary Public - California & Orange County My Comm. Expires Jan 13, 2007

Attorney Docket No.: 0140120

IN TESTIMONY WHERI	EOF, WE	hereunto set my hand this	day of	, 20,
		Mark S. Franl	k	**************************************
STATE OF	)			
	í	SS.		
COUNTY OF	)			
On	, 20	, before the undersigned, a No	otary Public for the State	and County
aforesaid, personally appeared			_, known to me or prove	d to me on
the basis of satisfactory evidence	to be the p	person whose name is subscrib	ed to the above assignme	nt, and
acknowledged that he/she execute	ed the sam	e in his/her authorized capacit	y, and that by his/her sigr	nature on the
instrument the person, or the entit	y upon be	half of which the person acted	l, executed the instrument	••
WITNESS my han	d and offi	cial seal		
WITNESS my han	iu aisu otti	olal soal.		
Signature				

**REEL: 019828 FRAME: 0150** 

# **ASSIGNMENT**

111)	VHEREAS, WE, (1) Norman J. Beamish; (2) Arun Sukheja; and (3) Mark S. Frank residing at
(1)	;(2)
97007 United States Le Decoding, filed	; and (3) 16355 TVY GENN, BEAVERTON, OR USA have invented certain new and useful improvements disclosed in an application for etters Patent titled Reducing DSP Schedule Bottlenecks In EDGE Through Premature USF herewith;
together with an	ND WHEREAS <u>SKYWORKS SOLUTIONS</u> , INC., a <u>Delaware</u> corporation (hereinafter, y successors, legal representatives of assigns thereof, called "Assignee"), wants to acquire the and interest in and to said improvements and application:
over to Assignee divisions, substit which may be gr International Cor for patents (inclu heretofore or here extensions, renew hereby authorize	OW, THEREFORE, for good and valuable consideration, the receipt of which is hereby VE have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set the entire right, title, and interest in and to said improvements, and said application and all utions, continuations and continuations-in-part thereof, and all United States Letters Patents anted thereon and all reissues and extensions thereof, and all priority rights under the evention for the Protection of Industrial Property for every member country, and all applications ding related rights such as utility-model registrations, inventor(s) certificates, and the like), eafter filed for said improvements in any foreign countries, and all patents (including all vals, and reissues thereof) granted for said improvements in any foreign countries; and WE and request the United States Commissioner of Patents and Trademarks, and any officials of whose duty it is to issue patents on applications as aforesaid, to issue all patents for said

AND WE HEREBY covenant that WE have full right to convey the entire interest herein assigned, and that WE have not executed, and will not execute, any agreement in conflict herewith;

improvements to Assignee in accordance with the terms of this assignment;

AND WE HEREBY further covenant and agree that WE will communicate to Assignee any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute and reissue applications, make all rightful oaths, and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHER	EOF, WE hereunto se	et my hand this	day of	, 20
		Norman J. Bea		
STATE OF	)	1101111411 3. 1501	4444,044	
STATE OF	) ss. )			
Onaforesaid, personally appeared the basis of satisfactory evidence acknowledged that he/she execute instrument the person, or the enti-	to be the person who ed the same in his/her	se name is subscriber authorized capacity	ed to the above assignm /, and that by his/her sig	ed to me on nent, and gnature on the
WITNESS my har	nd and official seal.			
Signature				
			I w	". '.
IN TECTIMONY WHED	EOU WE have unto a	t ot my band this	dov.of	20
IN TESTIMONY WHER	EOF, WE hereumo s	et my nand uns	day or	, 20
GT LOT OF	,	Arun Sukheja	·	
STATE OF	) ) ss.			
COUNTY OF	)			
On	, 20, before th	e undersigned, a No	tary Public for the Stat	e and County
Onaforesaid, personally appeared the basis of satisfactory evidence acknowledged that he/she execute instrument the person, or the entit	ed the same in his/he	r authorized capacity	ر, and that by his/her si	gnature on the
WITNESS my har	nd and official seal.			
Signature				

Page 2 of 3

03SKY0050

Attorney Docket No.: 0140120

IN TESTIMONY WHEREOF, WE hereunto set my hand this 7741 day of 604, 2004
Want & Luch
Mark S. Frank
STATE OF <u>FRIGIN</u> .
) SS.
COUNTY OF Washington ) ss.
On Oct. 74th, 2007, before the undersigned, a Notary Public for the State and County aforesaid, personally appeared Mark S. Frank — , known to me or proved to me on
On 1917 1 , before the undersigned, a Notary Public for the state and County
aforesaid, personally appeared Mark S. Hank — , known to me or proved to me on
the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and
acknowledged that he/she executed the same in his/her authorized capacity, and that by his/her signature on the
instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
mistrument the person, of the entity upon behalf of which the person acted, executed the mistrument.
WITNESS my hand and official seal.  OFFICIAL SEAL
SHANNON REEVES
Signature Alan Marketta NOTARY PUBLIC-OREGON COMMISSION NO. 383180
MY COMMISSION EXPIRES AUGUST 24, 2008

**RECORDED: 09/14/2007**