

PATENT ASSIGNMENT

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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.
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 Correspondent Name: Michael Farjami
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ATTORNEY DOCKET NUMBER:	0140120C
NAME OF SUBMITTER:	Michael Farjami

Total Attachments: 6

500354401

**PATENT
 REEL: 019828 FRAME: 0146**

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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 SKYWORKS SOLUTIONS, INC., a Delaware 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.

ASSIGNMENT

WHEREAS, WE , (1) Norman J. Beamish; (2) Arun Sukheja; and (3) Mark S. Frank residing at
 (1) _____; (2) _____
 _____; and (3) 16355 IVY GLEN, BEAVERTON, OR USA
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 SKYWORKS SOLUTIONS, INC., a Delaware 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
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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 WHEREOF, WE hereunto set my hand this 7th day of Oct., 2004

Mark S. Frank
Mark S. Frank

STATE OF Oregon)
COUNTY OF Washington) ss.

On Oct. 7th, 2004, 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 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 Shannon Reeves

