

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ronald Quan	02/24/2010
RECEIVING PARTY DATA	
Name:	Rovi Technologies Corporation
Street Address:	2830 De La Cruz Boulevard
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95050
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12711834
CORRESPONDENCE DATA	
Fax Number:	(408)567-1800
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	408-562-8496
Email:	barbara.skliba@rovicorp.com
Correspondent Name:	PATENT DEPARTMENT, ROVI CORPORATION
Address Line 1:	2830 DE LA CRUZ BLVD.
Address Line 4:	SANTA CLARA, CALIFORNIA 95050
ATTORNEY DOCKET NUMBER:	0413
NAME OF SUBMITTER:	Barbara Skliba
Total Attachments: 2 source=0413_Assignment#page1.tif source=0413_Assignment#page2.tif	

CH \$40.00 12711834

501101692

PATENT  
REEL: 023986 FRAME: 0029

**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

Name and Address of Inventors:

**RONALD QUAN**  
10910 Wunderlich Drive  
Cupertino, CA 95014

(hereinafter referred to as Assignor), has invented a certain invention entitled:

***METHOD AND APPARATUS FOR RECEIVING METADATA, EPG, OR  
IPG SIGNALS IN AN INTEGRATED CIRCUIT FOR CONTROL PURPOSES***

for which application for Letters Patent in the United States is attached hereto.

For good and valuable consideration, receipt of which is hereby acknowledged, I hereby sell, assign and transfer to Rovi Technologies Corporation, a corporation of Delaware, having a place of business at 2830 De La Cruz Boulevard, Santa Clara, California 95050, and their successors, the entire right, title and interest throughout the world in our invention, for which I have executed the above mentioned United States patent application and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above - named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to

do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request that the Commissioner of Patents and Trademarks issue all patents granted for said invention to the above - named assignee, its successors and assigns.

IN WITNESS THEREOF, I HAVE SET BELOW MY HANDS

Dated: Feb. 24. 2010

Inventor: Ronald Quan  
**RONALD QUAN**