

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| CRAIG HOWARD SEIDEL | 03/15/2006 |
| RECEIVING PARTY DATA | |
| Name: | MACROVISION CORPORATION |
| Street Address: | TWO CIRCLE STAR WAY |
| City: | SAN CARLOS |
| State/Country: | CALIFORNIA |
| Postal Code: | 94070 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Patent Number: | 8412775 |
| CORRESPONDENCE DATA | |
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| NAME OF SUBMITTER: | LINDA BLAKE |
| SIGNATURE: | /Linda Blake/ |
| DATE SIGNED: | 06/06/2016 |
| Total Attachments: 3 | |
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| source=003597-1274-102_Assignment#page3.tif | |

A S S I G N M E N T

WHEREAS, I, Craig Howard Seidel, A citizen of The United State of America, residing at 3503 Laguna Avenue, Palo Alto, California, 94306 (hereinafter referred to as "ASSIGNOR"), have invented and own a certain invention entitled PEER TO PEER GATEWAY for which application for Letters Patent of the United States of America is being executed herewith; and

WHEREAS, Macrovision Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware and having its principal place of business at 2830 De La Cruz Blvd., Santa Clara, California 95050 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, his successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

DOC3371:451728.1

Patent
15367-4017

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

DOCSSV1:4515281

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PATENT
REEL: 017705 FRAME: 0863
PATENT
REEL: 038819 FRAME: 0462

Patent
15367-4017

WITNESS my hand at Santa Clara, California, this 15th day of March,

2006.



CRAIG HOWARD SEIDEL

STATE OF CALIFORNIA)
) ss
COUNTY OF SANTA CLARA)

On _____ before me, _____, personally appeared
CRAIG HOWARD SEIDEL, proved to me on the basis of satisfactory evidence to be the person
whose name is subscribed to the within instrument and acknowledged to me that he executed the
same in his authorized capacity, and that by his 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.

Notary Public in and for
said County and State

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RECORDED: 03/17/2006

RECORDED: 06/06/2016

PATENT
REEL: 017705 FRAME: 0864
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REEL: 038819 FRAME: 0463