501878138 04/04/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sonic Solutions LLC	02/01/2012

RECEIVING PARTY DATA

Name:	Corel Corporation
Street Address:	1600 Carling Avenue
City:	Ottawa
State/Country:	CANADA
Postal Code:	K1Z8R7

PROPERTY NUMBERS Total: 3

Property Type	Number
Patent Number:	6885624
Patent Number:	7289407
Patent Number:	7450750

CORRESPONDENCE DATA

 Fax Number:
 (613)725-2691

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 patricia.whais@corel.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Patricia Whais
Address Line 1: 1600 Carling Avenue
Address Line 4: Ottawa, CANADA K1Z8R7

NAME OF SUBMITTER: Patricia Whais

Total Attachments: 12

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PATENT ASSIGNMENT AGREEMENT

This PATENT ASSIGNMENT AGREEMENT (the "Patent Assignment"), effective as of February 1, 2012 (the "Effective Date"), is made by Rovi Corporation, a Delaware corporation and Sonic Solutions, LLC, a California limited liability company, (each individually, "Assignor", and collectively, "Assignors") in favor of Corel Corporation, a Canadian corporation ("Assignee").

WHEREAS, Assignors and Assignee are parties to that certain Asset Purchase Agreement, dated January 12, 2012, as amended by that certain Amendment No. 1 to Asset Purchase Agreement of even date herewith (the "Purchase Agreement"), pursuant to which Assignors have agreed to sell, assign, transfer, convey, and deliver to Assignee certain assets, including, without limitation, the Assigned Patents (defined below); and

WHEREAS, pursuant to the Purchase Agreement, Assignors and Assignee have agreed to enter into this Patent Assignment.

NOW, THEREFORE, in consideration of the promises and covenants set forth in the Purchase Agreement and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

- 1. <u>Conveyance</u>. Each Assignor does hereby sell, assign, transfer, convey, and deliver to Assignee all right, title and interest in, to and under the issued patents and patent applications listed on <u>Schedule A</u>, together with all foreign counterparts, reissues, divisions, divisionals, renewals, extensions, provisionals, continuations and continuations-in-part thereof, all rights to sue or make any claims for any past, present or future infringement, misappropriation or unauthorized use of any of the foregoing and the right to all damages and other payments that are now or may hereafter become due or payable with respect to any of the foregoing after the Closing Date (as defined in the Purchase Agreement) (collectively, the "Assigned Patents").
- 2. Recordation and Issuance. Assignors hereby request the United States Patent and Trademark Office Commissioner for Patents and any other applicable governmental entity or registrar (including any applicable foreign or international office or registrar), to record Assignee as the assignee and owner of the Assigned Patents. Assignors hereby authorize and request the officials of all countries in which any of the Assigned Patents is now or will in the future be issued to issue to Assignee all of each Assignor's right, title and interest in and to the same, for the sole use and enjoyment of Assignee.
- 3. <u>Information and Assistance</u>. Upon Assignee's request and at Assignee's sole expense, Assignors shall execute, acknowledge and deliver all such other instruments and

documents and shall take all such other actions required to consummate, evince or make fully effective the transaction contemplated by this Patent Assignment.

- 4. <u>Successors and Assigns</u>. This Patent Assignment and all the provisions hereof shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and permitted assigns and nothing herein express or implied shall give or be construed to give to any person, other than the parties hereto and such permitted assigns, any legal or equitable rights hereunder.
- 5. <u>Counterparts</u>. This Patent Assignment may be executed in two or more consecutive counterparts (including by facsimile), each of which shall be an original, with the same effect as if the signatures thereto and hereto were upon the same instrument, and shall become effective when one or more counterparts have been signed by each of the parties and delivered (by facsimile or otherwise) to the other parties.
- 6. <u>Section Headings</u>. The section headings contained in this Patent Assignment are for reference purposes only, and shall not in any way affect the meaning or interpretation of this Patent Assignment.
- 7. Purchase Agreement Controls. This Patent Assignment is provided pursuant to the Purchase Agreement, to which reference is made for a further statement of the rights and obligations of Assignors and Assignee with respect to the Assigned Patents. Nothing contained in this Patent Assignment shall be deemed to modify, supersede, enlarge or affect the rights of any person under the Purchase Agreement. If any provision of this Patent Assignment is inconsistent or conflicts with the Purchase Agreement, the Purchase Agreement shall control.
- 8. Governing Law. This Patent Assignment and all claims or causes of action (whether in contract, tort or otherwise) that may be based upon, arise out of or relate to this Patent Assignment or the negotiation, execution or performance of this Patent Assignment shall be governed by and construed in accordance with the laws of the State of California, regardless of laws that might otherwise govern under applicable principles of conflicts of law thereof.

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IN WITNESS WHEREOF, the undersigned have caused this Patent Assignment to be executed as of the Effective Date.

ASSIGNORS:
ROVI CORPORATION
By: Stephen Yu Title: AUTHORIZED SIGNATORY
SONIC SOLUTIONS, LLC
By: Stephen Yu Title: AUTHORIZED SIGNATORY
Acknowledged and Accepted:
ASSIGNEE:
COREL CORPORATION
By: Name: Title:

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State of California)	
County of <u>SANTA</u> CLAR	<u>a</u>	}	
		— J	Du az va
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personally appeared	<u> </u>	TEPHEN YU Name(s) of Signer(s)	
LISA MALDONADO Commission # 1830390 Notary Public - California Santa Clara County My Comm. Expires Jan 16, 20	ev st to hi hi po po I 013	ho proved to me on the basis vidence to be the person(x) whose abscribed to the within instrument and me that he/sixe/they executed s/har/their authorized capacity(lxx), s/har/their signature(x) on the irerson(x), or the entity upon behalf erson(x) acted, executed the instrument certify under PENALTY OF PERJUWS of the State of California that aragraph is true and correct.	name(sa) is/axe acknowledged the same in and that by astrument the of which the ent.
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Signer's Name:		•	
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☐ Trustee		☐ Trustee	
☐ Guardian or Conservator		☐ Guardian or Conservator	
Other:		☐ Other:	
Signer Is Representing:		Signer Is Representing:	

IN WITNESS WHEREOF, the undersigned have caused this Patent Assignment to be executed as of the Effective Date.

ASSIGNORS:
ROVI CORPORATION
By: Name:
Title:
SONIC SOLUTIONS, LLC
By:
Name:
Title:
Acknowledged and Accepted:
ASSIGNEE:
COREL CORPORATION
By: ">More linearly
Name: Tom Boount
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[SIGNATURE PAGE TO PATENT ASSIGNMENT]

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California
County of Santa Clara
On 312r day of January, 2012 before me, Michelle J. Choi, Notary Public ,
personally appeared Thomas Berguist
who proved to me on the basis of satisfactory evidence to be the person(s) who name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(jes), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.
Signature:
MICHELLE J. CHOI Commission Ø 1957683 Notary Public - California Santa Clara County My Comm. Expires Oct 22, 2015

SCHEDULE A TO PATENT ASSIGNMENT

U.S. Patents and Applications

Rovi Ref.	Country	Atty Ref. No.	Status	Appl. No.	Filed	Publ. No.	Published	Patent No.	Granted	Expires	Title
SON0114	US	8017-100161- US	Filed	13/302,445	22-Nov- 11						CONVERSION OF 2- DIMENSIONAL IMAGE DATA INTO 3-DIMENSIONAL IMAGE DATA
SON0061	US	8017-81315- US	Granted	10/123,816	15-Apr- 02	2003- 0193520	16-Oct-03	7,440,972	21-Oct- 08	18-Jun-24	INTERACTIVE MEDIA AUTHORING WITHOUT ACCESS TO ORIGINAL SOURCE MATERIAL
SON0062	US	8017-81322- US	Granted	10/119,993	9-Apr-02	2003- 0190158	9-Oct-03	7,343,052	11-Mar- 08	17-Oct-23	END-USER-NAVIGABLE SET OF ZOOMED-IN IMAGES DERIVED FROM A HIGH- RESOLUTION MASTER IMAGE
SON0064	US	8017-81324- US	Granted	10/408,027	3-Apr-03	2003- 0227474	11-Dec-03	7,302,453	27-Nov- 07	8-Jul-24	OPTIMIZING THE RECORDING ON A REWRITABLE INTERACTIVE MEDIUM OF REVISIONS TO AN EXISTING PROJECT ON THAT MEDIUM
SON0067	US	8017-81349- US	Granted	10/987,446	12-Nov- 04	2000- 0154682	14-Jul-05	7,702,592	20-Apr- 10	12-Nov-24	SECURE TRANSFER OF CONTENT TO WRITABLE MEDIA
SON0069	US	8017-81397- US	Granted	11/039,388	19-Jan- 05	2006- 0161811	20-Jul-06	7,509,530	24-Mar- 09	1-Jun-26	METHOD AND SYSTEM FOR USE IN RESTORING AN ACTIVE PARTITION
SON0002 CON	US	ROXIP069	Granted	08/710,072	9-Sep-96			6,091,686	18-Jul- 00	28-Feb-15	COMPACT DISC RECORDING SYSTEM AND METHOD
SON0002 CON2	US	ROXIP069A	Granted	09/573,082	16-May- 00			6,226,241	1-May- 01	9-Sep-16	COMPACT DISC RECORDING SYSTEM AND METHOD
SON0003	US	ROXIP072	Granted	08/505,586	24-Jul-95			6,073,189	6-Jun- 00	24-Jul-15	SYSTEM AND METHOD FOR INCREMENTAL PACKET RECORDING OF RECORDABLE COMPACT DISCS
SON0007	US	ROXIP116	Granted	09/389,829	3-Sep-99	2003- 0101315	29-May-03	6,665,784	16-Dec- 03	3-Sep-19	METHOD FOR WRITING AND READING DATA TO AND FROM A COMPACT DISC MEDIA

Rovi Ref.	Country	Atty Ref. No.	Status	Appl. No.	Filed	Publ. No.	Published	Patent No.	Granted	Expires	Title
SON0010	US	ROXIP119	Granted	09/524,050	13-Mar- 00			6,530,009	4-Mar- 03	13-Mar-20	METHODS FOR INCREASING FILE STORAGE CAPACITY OF OPTICAL DISCS
SON0011	US	ROXIP120	Granted	09/539,482	30-Mar- 00			6,910,038	21-Jun- 05	30-Mar-20	METHODS FOR EFFICIENT HOST PROCESSING OF DATA FILES SELECTED FOR RECORDING TO AN OPTICAL DISC MEDIA
SON0012	US	ROXIP121	Granted	09/539,481	30-Mar- 00			6,574,642	3-Jun- 03	30-Mar-20	METHODS FOR PROCESSING DATA TRANSFERRED TO SYSTEM MEMORY IN PREPARATION FOR RECORDING TO AN OPTICAL DISC
SON0013	US	ROXIP122A	Granted	09/448,030	23-Nov- 99			6,405,283	11-Jun- 02	23-Nov-19	METHOD FOR HANDLING BUFFER UNDER-RUN DURING DISC RECORDING
SON0014	US	ROXIP122B	Granted	09/447,964	23-Nov- 99			6,401,169	4-Jun- 02	23-Nov-19	OPTICAL DISC BUFFER UNDER-RUN HANDLING METHOD
SON0015	US	ROXIP123	Granted	09/703,167	30-Oct- 00			6,882,795	19-Apr- 05	13-Jul-23	IMAGE MASTERING API
SON0015 CON	US	ROXIP123A	Granted	11/083,647	17-Mar- 05	2005- 0165890	28-Jul-05	7,359,626	15-Apr- 08	13-Jul-23	IMAGE MASTERING API
SON0017	US	ROXIP136	Granted	09/614,065	11-Jul-00			6,973,014	6-Dec- 05	3-Aug-22	METHODS FOR OPTICAL DISC SECTOR VERIFICATION
SON0020	US	ROXIP201A	Granted	10/143,285	9-May-02			6,983,292	3-Jan- 06	14-Dec-23	METHOD AND APPARATUS FOR FORMATTING AND INITIALIZATION OF RE- WRITABLE OPTICAL MEDIA
SON0021	US	ROXIP201B	Granted	10/193,422	10-Jul-02			7,117,230	3-Oct- 06	10-Nov-24	METHOD AND APPARATUS FOR FORMATTING AND INITIALIZATION OF RE- WRITABLE OPTICAL MEDIA USING MULTIPLE TRACKS
SON0022	US	ROXIP202	Granted	09/962,911	24-Sep- 01			6,678,229	13-Jan- 04	8-May-22	METHODS FOR OPTIMIZING RECORDING ORDER OF DATA FILES TO OPTICAL MEDIA
SON0024	US	ROXIP206	Granted	09/967,786	28-Sep- 01			7,139,763	21-Nov- 06	27-Mar-23	METHOD AND SYSTEM FOR PROCESSING DATA SELECTED FOR RECORDING TO OPTICAL MEDIA

Rovi Ref.	Country	Atty Ref. No.	Status	Appl. No.	Filed	Publ. No.	Published	Patent No.	Granted	Expires	Title
SON0026	US	ROXIP208	Granted	10/224,686	20-Aug- 02			6,885,624	26-Apr- 05	30-Jul-23	METHODS FOR RECORDING DATA TO OPTICAL MEDIA
SON0026 CON	US	ROXIP208A	Granted	11/092,158	28-Mar- 05	2005- 0171978	4-Aug-05	7,319,653	15-Jan- 08	12-Nov-23	METHODS FOR RECORDING DATA TO OPTICAL MEDIA
SON0027	US	ROXIP210	Granted	10/272,787	16-Oct- 02			7,398,004	8-Jul-08	14-Jun-26	SOFTWARE METHODS FOR AUTHORING MULTIMEDIA CONTENT TO BE WRITTEN TO OPTICAL MEDIA
SON0028	US	ROXIP213	Granted	10/199,164	19-Jul-02			6,963,952	8-Nov- 05	13-Oct-23	MULTI-SESSION OPTICAL MEDIA AND METHODS FOR RECORDING
SON0029	US	ROXIP214	Granted	10/185,305	26-Jun- 02			7,634,172	15-Dec- 09	27-Sep-26	METHODS FOR RECORDING MULTIPLE SESSIONS ON A REWRITABLE DVD DISC
SON0031	US	ROXIP220	Granted	10/210,824	31-Jul-02			7,177,990	13-Feb- 07	28-Dec-22	AUTOMATIC FORMAT OF REMOVABLE MEDIA
SON0032	US	ROXIP221	Granted	10/443,160	21-May- 03			7,120,735	10-Oct- 06	8-Jun-24	APPLICATION LEVEL AUTOMATIC FORMAT OF REMOVABLE MEDIA
SON0033	US	ROXIP222	Granted	10/340,175	9-Jan-03			7,114,028	26-Sep- 06	4-Jan-24	A METHOD OF AUTOMATICALLY FORMATTING AND PSEUDO- MOUNTING A REMOVABLE MEDIA
SON0033 CON	US	ROXIP222C	Granted	11/501,528	8-Aug-06	2006- 0271737	30-Nov-06	7,509,453	24-Mar- 09	4-Jan-24	PSEUDO-MOUNTING UNFORMATTED REMOVABLE MEDIA
SON0034	US	ROXIP224	Granted	10/301,100	20-Nov- 02			7,437,059	14-Oct- 08	28-Oct-25	METHODS AND SYSTEMS FOR EXPANDING RECORDING CAPACITY OF OPTICAL DISCS
SON0035	US	ROXIP225	Granted	10/352,697	27-Jan- 03			7,136,886	14-Nov- 06	2-Jun-24	PRE-MASTERING FOR OPTICAL MEDIA RECORDING
SON0047	US	ROXIP295	Granted	10/990,689	16-Nov- 04			7,475,188	6-Jan- 09	14-Nov-26	AUTOMATIC DRIVE SELECTION IN OPTICAL MEDIA RECORDING
SON0017 CON	US	SONSP136C	Granted	11/202,990	11-Aug- 05	2005- 0270947	8-Dec-05	7,145,840	5-Dec- 06	3-Aug-22	METHODS FOR OPTICAL DISC SECTOR VERIFICATION
SON0017 CON2	US	SONSP136C2	Granted	11/601,387	17-Nov- 06	2007- 0064548	22-Mar-07	7,502,284	10-Mar- 09	3-Aug-22	METHODS FOR OPTICAL DISC SECTOR VERIFICATION
SON0004	US	ROXIP073A	Granted	09/329,495	10-Jun- 99			6,665,779	16-Dec- 03	10-Jun-19	IMAGE BACKUP METHOD FOR BACKING UP DISK PARTITIONS OF A STORAGE DEVICE

Rovi Ref.	Country	Atty Ref. No.	Status	Appl. No.	Filed	Publ. No.	Published	Patent No.	Granted	Expires	Title
SON0019	US	ROXIP143	Granted	09/728,734	30-Nov- 00	2002- 0064113	30-May-02	6,590,845	8-Jul-03	4-Oct-21	METHODS FOR PROTECTING OPTICAL DISC MEDIA
SON0023	US	ROXIP205	Granted	10/184,683	26-Jun- 02			7,038,981	2-May- 06	29-Feb-24	METHODS FOR ESTABLISHING AUDIO TRACK DIGITAL AUDIO EXTRACTION SPEED
SON0023 DIV	US	ROXIP205C	Granted	11/362,471	23-Feb- 06	2006- 0140082	29-Jun-06	7,289,407	30-Oct- 07	26-Jun-22	METHODS FOR ESTABLISHING AUDIO TRACK DIGITAL AUDIO EXTRACTION SPEED
SON0030	US	ROXIP215	Granted	10/097,688	12-Mar- 02			6,970,595	29-Nov- 05	1-Nov-23	METHOD AND SYSTEM FOR CHROMA KEY MASKING
SON0030 DIV	US	ROXIP215D	Granted	11/259,242	25-Oct- 05	2006- 0045332	2-Mar-06	7,450,750	11-Nov- 08	4-Dec-22	METHOD AND SYSTEM FOR CHROMA KEY MASKING
SON0045	US	ROXIP288	Granted	10/665,849	17-Sep- 03			7,310,443	18-Dec- 07	5-Dec-25	AUTOMATIC RED EYE DETECTION AND CORRECTION IN DIGITAL IMAGES
SON0046	US	ROXIP291	Granted	10/741,093	19-Dec- 03			7,376,768	20-May- 08	11-Jul-24	DYNAMIC MEMORY ALLOCATION FOR MULTIPLE TARGETS
	US		Granted	9329516*				6542975			METHOD AND SYSTEM FOR BACKING UP DATA OVER A PLURALITY OF VOLUMES
	US		Granted	9414378*				6446073			METHODS FOR WRITING AND READING COMPRESSED AUDIO DATA
	US		Granted	9414379*				6353173			COMPRESSED AUDIO DATA FORMAT AND FILE SYSTEM STRUCTURES
	US		Granted	9686213*				6552975			METHODS FOR ESTABLISHING RECORDING RATES OF OPTICAL MEDIA RECORDERS
	US		Granted	9780268*				6469967			METHODS FOR DETERMINING WRITE RATES OF OPTICAL MEDIA DEVICES
	US		Filed	10921367**							HIGH SECURITY MEDIA ENCRYPTION

^{*} Expired for failure to pay maintenance fee

^{**} Abandoned for failure to respond

Non-U.S. Patents and Applications

Rovi Ref.	Country	Atty Ref. No.	Status	Appl. No.	Filed	Publ. No.	Published	Patent No.	Granted	Expires	Title
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SON0062	TW	8017-81322- TW	Granted	92107896	7-Apr-03	307256	1-Dec-03	314010	21-Aug- 09	6-Apr-23	END-USER-NAVIGABLE SET OF ZOOMED-IN IMAGES DERIVED FROM A HIGH-RESOLUTION MASTER IMAGE
SON0064	EP	8017-81323- EP	Filed	03726208	4-Apr-03	1497829	19-Jan-05				OPTIMIZING THE RECORDING ON A REWRITABLE INTERACTIVE MEDIUM OF REVISIONS TO AN EXISTING PROJECT ON THAT MEDIUM
SON0067	CA	8017-81349- CA	Filed	2,544,605	12-Nov- 04	2544605	2-Jun-05				SECURE TRANSFER OF CONTENT TO WRITABLE MEDIA
SON0067	CN	8017-81349- CN	Filed	200480033587.0	15-May- 06	CN1906882A	31-Jan-07				SECURE TRANSFER OF CONTENT TO WRITABLE MEDIA
SON0067	EP	8017-81349- EP	Filed	48010227	12-Nov- 04	1683294	26-Jul-06				SECURE TRANSFER OF CONTENT TO WRITABLE MEDIA
SON0067	НК	8017-81349- HK	Filed	71059699	12-Nov- 04	1100857	28-Sep-07				SECURE TRANSFER OF CONTENT TO WRITABLE MEDIA
SON0067	JP	8017-81349-JP	Filed	2006-539896	15-May- 06	2007-516667	21-Jun-07				SECURE TRANSFER OF CONTENT TO WRITABLE MEDIA
SON0002	JP	ROXIP069.JP	Granted	841790	28-Feb- 96			3355333	4-Oct- 02	28-Feb-16	COMPACT DISC RECORDING SYSTEM AND METHOD
SON0007	JP	ROXIP116.JP	Granted	2000-267114	4-Sep-00			3762203	20-Jan- 06	4-Sep-20	METHOD FOR WRITING AND READING DATA TO AND FROM A COMPACT DISC MEDIA

Rovi Ref.	Country	Atty Ref. No.	Status	Appl. No.	Filed	Publ. No.	Published	Patent No.	Granted	Expires	Title
SON0012	JP	ROXIP121.JP	Filed	2001-84473	23-Mar- 01	2002-15516	18-Jan-02				METHODS FOR PROCESSING DATA TRANSFERRED TO SYSTEM MEMORY IN PREPARATION FOR RECORDING TO AN OPTICAL DISC
SON0014	JP	ROXIP122B.JP	Granted	2000-353939	21-Nov- 00			3775983	3-Mar- 06	21-Nov-20	OPTICAL DISC BUFFER UNDER-RUN HANDLING METHOD
SON0015	JP	ROXIP123.JP	Granted	2000-334167	1-Nov-00			3857039	22-Sep- 06	1-Nov-20	IMAGE MASTERING API
SON0016	JP	ROXIP128.JP	Granted	2000-394019	26-Dec- 00			3857046	22-Sep- 06	26-Dec-20	METHODS OF AND COMPUTER READABLE MEDIA FOR AUTOMATICALLY SETTING UP PAGE FILES FOR LABELS FOR COMPACT DISC MEDIA
SON0006	JP	ROXIP100A.JP	Granted	2000-180927	16-Jun- 00			3530805	5-Mar- 04	16-Jun-20	COMPRESSED AUDIO DATA FORMAT AND FILE SYSTEM STRUCTURES

RECORDED: 04/04/2012