

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5767688

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	FIRST LIEN PATENT SECURITY AGREEMENT	
SEQUENCE:	1	
CONVEYING PARTY DATA		
	Name	Execution Date
	MONOTYPE IMAGING INC.	10/11/2019
	MYFONTS INC.	10/11/2019
RECEIVING PARTY DATA		
Name:	DEUTSCHE BANK AG NEW YORK BRANCH	
Street Address:	60 WALL STREET	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10005	
PROPERTY NUMBERS Total: 42		
Property Type	Number	
Patent Number:	8615709	
Patent Number:	8201088	
Patent Number:	7184046	
Patent Number:	6992671	
Patent Number:	6384839	
Patent Number:	9472163	
Patent Number:	10002448	
Patent Number:	6853980	
Patent Number:	9817615	
Patent Number:	9317777	
Patent Number:	9805288	
Patent Number:	10317016	
Patent Number:	10115215	
Patent Number:	9626337	
Patent Number:	9691169	
Patent Number:	10134150	
Patent Number:	9319444	
Patent Number:	9275024	

PATENT

Property Type	Number
Patent Number:	7821515
Patent Number:	7719537
Patent Number:	8514243
Patent Number:	8896593
Patent Number:	9569865
Patent Number:	7002596
Patent Number:	6437793
Patent Number:	6997543
Patent Number:	4785391
Patent Number:	4675830
Patent Number:	5825996
Patent Number:	5583978
Patent Number:	5577177
Patent Number:	5099435
Patent Number:	6138237
Patent Number:	5781714
Application Number:	14138282
Application Number:	15215248
Application Number:	15850853
Application Number:	15943311
Application Number:	15698255
Application Number:	15717295
Application Number:	16175401
Application Number:	16288736

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 800-494-5225

Email: ipteam@cogencyglobal.com

Correspondent Name: STEWART WALSH

Address Line 1: 1025 VERMONT AVE NW, STE 1130

Address Line 2: COGENCY GLOBAL INC.

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	1140352 PT1
NAME OF SUBMITTER:	CHRISTIAN CRAFT
SIGNATURE:	/Christian Craft/
DATE SIGNED:	10/14/2019

Total Attachments: 13

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EXECUTION VERSION

FIRST LIEN PATENT SECURITY AGREEMENT

This First Lien Patent Security Agreement, dated as of October 11, 2019 (this “Patent Security Agreement”), is made by each signatory hereto listed under “Pledgors” (each a “Pledgor” and collectively, the “Pledgors”), in favor of Deutsche Bank AG New York Branch, in its capacity as collateral agent for the secured parties (in such capacity, together with its successors and permitted assigns, the “Collateral Agent”) pursuant to that certain First Lien Credit Agreement, dated as of October 11, 2019 (as amended, restated, amended and restated, supplemented, extended, waived, renewed, replaced, refinanced or otherwise modified from time to time, the “Credit Agreement”), by and among, among others, Marvel Merger Sub, Inc., a Delaware corporation (“Merger Sub” and, prior to the consummation of the Closing Date Acquisition, the “Initial Borrower”), upon consummation of the Closing Date Acquisition, Monotype Imaging Holdings Inc., a Delaware corporation (“Monotype” and, as the surviving entity after giving effect to the Closing Date Acquisition, the “OPCO Borrower” and, together with the Initial Borrower and each Additional Borrower from time to time party thereto, collectively, the “Borrowers” and each individually, a “Borrower”), Marvel Parent, LLC, a Delaware limited liability company (“Holdings”), certain subsidiaries and affiliates of the Borrowers from time to time party thereto, the lenders from time to time party thereto and the several agents party thereto, including the Collateral Agent.

W I T N E S S E T H:

WHEREAS, the Pledgors are party to a First Lien Security Agreement of even date with the Credit Agreement (as amended, restated, amended and restated, supplemented, waived, renewed, replaced or otherwise modified from time to time, the “Security Agreement”) in favor of the Collateral Agent pursuant to which the Pledgors are required to execute and deliver this Patent Security Agreement.

NOW, THEREFORE, in consideration of the premises and to induce the Collateral Agent, for the benefit of the Secured Parties, to enter into the Credit Agreement, each Pledgor hereby agrees with the Collateral Agent as follows:

SECTION 1. Defined Terms. Unless otherwise defined herein, terms defined in the Security Agreement and used herein have the meaning given to them in the Security Agreement, or if not defined therein, in the Credit Agreement.

SECTION 2. Grant of Security Interest in Patent Collateral. Each Pledgor hereby pledges and grants to the Collateral Agent for the benefit of the Secured Parties a Lien on and security interest in all of the right, title and interest of such Pledgor in, to and under all the following Pledged Collateral, in each case excluding Excluded Property (collectively, the “Patent Collateral”):

(a) all Patents, including, without limitation, the United States patents and patent applications listed on Schedule 1 attached hereto, together with any and all (i) rights and privileges arising under applicable Legal Requirements with respect to the use or ownership of any of the foregoing, (ii) inventions, discoveries, designs and improvements described and claimed therein, and (iii) reissues, reexaminations, divisions, renewals, extensions, continuations and continuations in part thereof and amendments thereto; and

(b) all Proceeds of any and all of the foregoing.

SECTION 3. Security Agreement. The security interest granted pursuant to this Patent Security Agreement is granted in conjunction with the security interest granted to the Collateral Agent pursuant to the Security Agreement, and the Pledgors hereby acknowledge and affirm that the rights and remedies of the Collateral Agent with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Patent Security Agreement is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall control.

SECTION 4. Recordation. Each Pledgor authorizes and requests that the Commissioner for Patents and any other applicable government officer record this Patent Security Agreement.

SECTION 5. Counterparts. This Patent Security Agreement may be executed in any number of counterparts, all of which shall constitute one and the same instrument, and any party hereto may execute this Patent Security Agreement by signing and delivering one or more counterparts. Delivery of an executed counterpart of this Patent Security Agreement by facsimile or other electronic means shall be effective as delivery of a manually executed counterpart of this Patent Security Agreement.

SECTION 6. Governing Law. This Patent Security Agreement shall be construed in accordance with and governed by the law of the State of New York. The terms of Section 10.09(b) and Section 10.10 of the Credit Agreement are incorporated herein mutatis mutandis.

[Remainder of this page intentionally left blank]

IN WITNESS WHEREOF, each Pledgor has caused this First Lien Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

PLEDGORS:

MONOTYPE IMAGING INC.,
a Delaware corporation

By: 
Name: Scott E. Landers
Title: Chief Executive Officer

MYFONTS INC.,
a Delaware corporation

By: 
Name: Scott E. Landers
Title: Chief Executive Officer

[Signature Page to First Lien Patent Security Agreement]

Accepted and Agreed:

DEUTSCHE BANK AG NEW YORK BRANCH,
as Collateral Agent

By:


Name: Michael Strobel
Title: Vice President

By:


Name: Yumi Okabe
Title: Vice President

[Signature Page to First Lien Patent Security Agreement]

SCHEDULE 1
to
PATENT SECURITY AGREEMENT

UNITED STATES PATENTS AND PATENT APPLICATIONS

Title	Filed	Appln No.	Issue	Patent No.	Country	Status	Current Owner of Record
INITIATING FONT SUBSETS	4/29/2010	12/769,839	12/24/2013	8,615,709	United States	Issued	Monotype Imaging Inc.
DYNAMIC FONT SUBSETTING USING A FILE SIZE THRESHOLD FOR AN ELECTRONIC DOCUMENT	12/23/2013	14/138,282			United States	Published	Monotype Imaging Inc.
METHOD AND APPARATUS FOR ASSOCIATING WITH AN ELECTRONIC DOCUMENT A FONT SUBSET CONTAINING SELECT CHARACTER FORMS WHICH ARE DIFFERENT DEPENDING ON LOCATION	7/25/2006	11/491,904	6/12/2012	8,201,088	United States	Issued	Monotype Imaging Inc.
METHOD AND	9/28/1999	09/407,381	2/27/2007	7,184,046	United States	Issued	Monotype Imaging

Title	Filed	Appln No.	Issue	Patent No.	Country	Status	Current Owner of Record
APPARATUS FOR FONT STORAGE REDUCTION							Inc.
METHOD AND APPARATUS FOR COMPRESSING BEZIER DESCRIPTIONS OF LETTERFORMS IN OUTLINE FONTS USING VECTOR QUANTIZATION TECHNIQUES	3/28/2000	09/536,418	1/31/2006	6,992,671	United States	Issued	Monotype Imaging Inc.
METHOD AND APPARATUS FOR RENDERING SUB-PIXEL ANTI-ALIASED GRAPHICS ON STRIPE TOPOLOGY COLOR DISPLAYS	9/21/1999	09/400,153	5/7/2002	6,384,839	United States	Issued	Monotype Imaging Inc.
ADJUSTING CONTENT RENDERING FOR ENVIRONMENTAL	2/17/2012	13/399,310	10/18/2016	9,472,163	United States	Issued	Monotype Imaging Inc.

Title	Filed	Appln No.	Issue	Patent No.	Country	Status	Current Owner of Record
CONDITIONS							
PRODUCING GLYPH DISTANCE FIELDS	8/10/2012	13/571,562	6/19/2018	10,002,448	United States	Issued	Monotype Imaging Inc.
SYSTEM FOR SELECTING, DISTRIBUTING, AND SELLING FONTS	9/7/1999	09/391,291	2/8/2005	6,853,980	United States	Issued	MyFonts Inc.
NETWORK BASED FONT MANAGEMENT FOR IMAGING DEVICES	12/3/2012	13/692,593	11/14/2017	9,817,615	United States	Issued	Monotype Imaging Inc.
ANALYZING FONT SIMILARITY FOR PRESENTATION	10/4/2013	14/046,609	4/19/2016	9,317,777	United States	Issued	Monotype Imaging Inc.
ANALYZING FONT SIMILARITY FOR PRESENTATION	2/25/2016	15/053,244	10/31/2017	9,805,288	United States	Issued	Monotype Imaging Inc.
CONVERTING FONT CONTOUR CURVES	1/12/2016	14/993,424	7/3/2017	10,317,016	United States	Issued	Monotype Imaging Inc.
PAIRING FONTS FOR PRESENTATION	4/17/2015	14/690,260	10/30/2018	10,115,215	United States	Issued	Monotype Imaging

Title	Filed	Appln No.	Issue	Patent No.	Country	Status	Current Owner of Record
ON							Inc.
USING ATTRIBUTES FOR FONT RECOMMENDATIONS	7/20/2016	15/215,248			United States	Pending	Monotype Imaging Inc.
HARMONIZING FONT CONTOURS	12/21/2017	15/850,853			United States	Pending	Monotype Imaging Inc.
MULTI-DIMENSIONAL FONT SPACE MAPPING AND PRESENTATION	4/2/2018	15/943,311			United States	Published	Monotype Imaging Inc.
USING ATTRIBUTES FOR PREDICTING IMAGERY PERFORMANCE	9/7/2017	15/698,255			United States	Published	Monotype Imaging Inc.
USING ATTRIBUTES FOR IDENTIFYING IMAGERY FOR SELECTION	9/27/2017	15/717,295			United States	Published	Monotype Imaging Inc.
FONT IDENTIFICATION FROM IMAGERY	10/30/2018	16/175,401			United States	Published	Monotype Imaging Inc.

Title	Filed	Appln No.	Issue	Patent No.	Country	Status	Current Owner of Record
EFFICIENTLY COMPUTED DISTANCE FIELDS	2/28/2019	16/288,736			United States	Pending	Monotype Imaging Inc.
ADVANCED TEXT EDITOR	1/9/2014	14/151,062	4/18/2017	9,626,337	United States	Issued	Monotype Imaging Inc.
COMPACT FONT HINTING	5/29/2014	14/290,473	6/27/2017	9,691,169	United States	Issued	Monotype Imaging Inc.
DISPLAYING GRAPHICS IN MULTI-VIEW SCENES	8/10/2010	12/853,859	11/20/2018	10,134,150	United States	Issued	Monotype Imaging Inc.
FONT DATA STREAMING	6/22/2009	12/457,792	4/19/2016	9,319,444	United States	Issued	Monotype Imaging Inc.
IDENTIFIERS FOR WEB FONT TEMPLATES	10/21/2011	13/278,740	3/1/2016	9,275,024	United States	Issued	Monotype Imaging Inc.
METHOD FOR AUTOMATIC FONT CHARACTER HEIGHT RESTRICTION	6/27/2007	11/819,377	10/26/2010	7,821,515	United States	Issued	Monotype Imaging Inc.
METHOD FOR REDUCING SIZE AND INCREASING SPEED FOR FONT GENERATION	8/22/2006	11/507,456	5/18/2010	7,719,537	United States	Issued	Monotype Imaging Inc.

Title	Filed	Appln No.	Issue	Patent No.	Country	Status	Current Owner of Record
OF INSTRUCTIONS							
METHODS, SYSTEMS, AND PROGRAMMING FOR PRODUCING AND DISPLAYING SUBPIXEL-OPTIMIZED FONT BITMAPS USING NON-LINEAR COLOR BALANCING	5/22/2007	11/751,711	8/20/2013	8,514,243	United States	Issued	Monotype Imaging Inc.
PRODUCING THREE-DIMENSIONAL GRAPHICS	6/6/2011	13/153,956	11/25/2014	8,896,593	United States	Issued	Monotype Imaging Inc.
SUPPORTING COLOR FONTS	12/20/2013	14/135,973	2/14/2017	9,569,865	United States	Issued	Monotype Imaging Inc.
Anti-Aliasing System And Method	3/2/1999	09/261,081	2/21/2006	7,002,596	United States	Issued	Monotype Imaging, Inc.
SYSTEM FOR RAPIDLY PERFORMING SCAN CONVERSION WITH ANTI-ALIASING UPON OUTLINE	7/29/1999	09/363,513	8/20/2002	6,437,793	United States	Issued	MyFonts Inc.

Title	Filed	Appln No.	Issue	Patent No.	Country	Status	Current Owner of Record
FONTS AND OTHER GRAPHIC ELEMENTS							
TOTAL INK CONTROL METHOD FOR COLOR RENDERING IN PRINTING SYSTEM	10/16/2003	10/687,367	2/14/2006	6,997,543	United States	Issued	Monotype Imaging Inc.
AUTOMATED BITMAP CHARACTER GENERATION FROM OUTLINES	02/07/86	06/827,239	11/15/1988	4,785,391	United States	Issued	MyFonts Inc.
METHOD FOR PRODUCING A SCALABLE TYPEFACE DATA	7/6/1984	06/628,192	6/23/1987	4,675,830	United States	Issued	Monotype Imaging Inc.
PRINT-TO-EDGE DESKTOP PRINTING	11/8/1996	08/448,792	08/448,792	5,825,996	United States	Issued	Monotype Imaging Inc.
APPARATUS AND METHODS FOR CREATING AND USING PORTABLE FONTED TEXTS WITH EMBEDDED AUTOMATICALLY-	5/27/1994/	08/250,372	12/10/1996	5,583,978	United States	Issued	MyFonts Inc.

Title	Filed	Appln No.	Issue	Patent No.	Country	Status	Current Owner of Record
CREATED FONT DESCRIPTIONS							
APPARATUS AND METHODS FOR CREATING AND USING PORTABLE FONTS	5/24/1995	08/448,792	11/19/1996	5,577,177	United States	Issued	MyFonts Inc.
METHOD AND APPARATUS FOR CONVERSION OF OUTLINE CHARACTERS TO BITMAP CHARACTERS	3/31/1989	07/331494	3/24/1992	5,099,435	United States	Issued	MyFonts Inc.
APPARATUS, METHODS, AND MEDIA FOR AUTHORIZING, DISTRIBUTING, AND USING SOFTWARE RESOURCES WITH PURPOSELY RESTRICTED USE	9/4/1997	08/923,264	10/24/2000	6,138,237	United States	Issued	MyFonts Inc.
APPARATUS AND	9/12/1995	08/527,518	7/14/98	5,781,714	United	Issued	MyFonts

Title	Filed	Appln No.	Issue	Patent No.	Country	Status	Current Owner of Record
METHODS FOR CREATING AND USING PORTABLE FONTS					States		Inc.