

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5048238

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
ACCURAY INCORPORATED	05/01/2018
TOMOTHERAPY INCORPORATED	05/01/2018

RECEIVING PARTY DATA

Name:	MIDCAP FINANCIAL TRUST
Street Address:	7255 WOODMONT AVE., SUITE 200
City:	BETHESDA
State/Country:	MARYLAND
Postal Code:	20814

PROPERTY NUMBERS Total: 19

Property Type	Number
Patent Number:	7894649
Patent Number:	9883818
Patent Number:	9895555
Patent Number:	9943707
Patent Number:	9950193
Patent Number:	9943705
Application Number:	15875966
Application Number:	15875975
Application Number:	15875683
Application Number:	15927843
Application Number:	15916068
Application Number:	15870207
Application Number:	15922688
Application Number:	15862438
Application Number:	15862449
Application Number:	15862461
Application Number:	15862477
Application Number:	15862497
Application Number:	15945580

PATENT

CORRESPONDENCE DATA**Fax Number:** (312)609-5005*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:** 312-609-7777**Email:** acurley@vedderprice.com**Correspondent Name:** ANGELIQUE CURLEY**Address Line 1:** 222 N. LASALLE STREET**Address Line 2:** VEDDER PRICE**Address Line 4:** CHICAGO, ILLINOIS 60601

ATTORNEY DOCKET NUMBER:	41012.00.0194
NAME OF SUBMITTER:	ANGELIQUE CURLEY
SIGNATURE:	/Angelique Curley/
DATE SIGNED:	07/12/2018

Total Attachments: 7

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SUPPLEMENT TO PATENT SECURITY AGREEMENT

THIS SUPPLEMENT TO PATENT SECURITY AGREEMENT (the “**Supplement**”) made as of this 1st day of May, 2018 by **ACCURAY INCORPORATED**, a Delaware corporation, and **TOMOTHERAPY INCORPORATED**, a Wisconsin corporation (individually and collectively, “**Grantor**”), in favor of **MIDCAP FINANCIAL TRUST**, in its capacity as Agent for the Lenders party to the Credit Agreement (defined below) (together with its successors and assigns, “**Grantee**”):

W I T N E S S E T H:

WHEREAS, Grantor, Grantee and Lenders are parties to that certain Credit and Security Agreement dated as of December 15, 2017 (as the same heretofore may have been and hereafter may be amended, restated, supplemented or otherwise modified from time to time, the “**Credit Agreement**”);

WHEREAS, Grantor and Grantee are parties to a certain Patent Security Agreement dated as of December 15, 2017 (as the same heretofore may have been and hereafter may be amended, restated, supplemented or otherwise modified from time to time, the “**Patent Agreement**”); capitalized terms used herein but not otherwise defined shall have the meanings given thereto in the Patent Agreement);

WHEREAS, pursuant to the terms of the Patent Agreement, Grantor has granted to Grantee to secure the Obligations a security interest in and to all of Grantor’s now existing and hereafter acquired New Patents and all proceeds thereof; and

WHEREAS, also pursuant to the Patent Agreement, Grantor has agreed that in connection with the acquisition by Grantor of any New Patents, Grantor shall deliver to Grantee a Supplement to the Patent Agreement in the form of Exhibit A to such Patent Agreement pursuant to which Grantor shall grant and reconfirm the grant by them of a security interest in all such New Patents and the proceeds thereof, which such Supplement may be and is intended by the parties to be filed with the United States Patent and Trademark Office.

NOW, THEREFORE, in consideration of the premises set forth herein and for other good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, and with the foregoing background and recitals incorporated by reference, Grantor agrees as follows:

1. Grant and Reaffirmation of Grant of Security Interests. To secure the payment and performance of the Obligations, and without limiting any other grant of any security interest or lien in any assets of Grantor provided for or created under the Credit Agreement or any other Security Document, Grantor hereby grants to Grantee, for its benefit and the benefit of the Lenders, and hereby reaffirms its prior grant pursuant to the Credit Agreement and the other Security Documents, specifically including the Patent Agreement of, a continuing security interest in Grantor’s entire right, title and interest in and to the New Patents listed on Schedule A to this Supplement, including divisions, continuations, continuations-in-part, reissues, reexaminations, and extensions thereof and all proceeds of the foregoing, including, without limitation, any claim by Grantor against third parties for past, present or future infringement of

any New Patent and any rights to receive license fees or royalties in connection with any licenses of the New Patents arising therefrom and/or constituting proceeds thereof, and agrees that all such New Patents and the proceeds thereof shall be included in and be part of the Patent Collateral and otherwise subject to all of the terms and provisions of the Patent Agreement.

2. Incorporation of the Patent Agreement. The terms and provisions of the Patent Agreement are hereby incorporated by reference and this Supplement shall be considered an amendment and supplement to and part of the Patent Agreement, all of the provisions of which Patent Agreement are and remain in full force and effect. Any reference after the date hereof in any Financing Document to the Patent Agreement shall be a reference to the Patent Agreement as amended and supplemented by this Supplement.

3. Governing Law. THIS SUPPLEMENT AND ALL MATTERS RELATING HERETO OR ARISING HEREFROM (WHETHER SOUNDING IN CONTRACT LAW, TORT LAW OR OTHERWISE), SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND ENFORCED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK, WITHOUT REGARD TO CONFLICTS OF LAWS PRINCIPLES.

[Signature Pages Follow]

SIGNATURE PAGE TO SUPPLEMENT TO THE
PATENT SECURITY AGREEMENT

IN WITNESS WHEREOF, intending to be legally bound, the undersigned have duly executed this Supplement to the Patent Security Agreement as of the day and year first hereinabove set forth.

GRANTOR:

ACCURAY INCORPORATED,
a Delaware corporation

By: 
.....
Kevin Waters
Chief Financial Officer

TOMOTHERAPY INCORPORATED,
a Wisconsin corporation

By: 
.....
Kevin Waters
Director

SIGNATURE PAGE TO SUPPLEMENT TO THE
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CHICAGO/#3147480

PATENT
REEL: 046337 FRAME: 0111

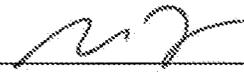
Agreed and Accepted
as of the Date First Written Above

GRANTEE:

MIDCAP FINANCIAL TRUST, a Delaware
statutory trust

By: Apollo Capital Management, L.P.
Its: Investment Manager

By: Apollo Capital Management, GP, LLC
Its: General Partner

By: 

Maurice Amsellem
Authorized Signatory

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CHICAGO:#3147480

PATENT
REEL: 046337 FRAME: 0112

**SCHEDULE A TO SUPPLEMENT TO PATENT SECURITY AGREEMENT
DATED MAY 1, 2018**

UNITED STATES PATENTS

<u>Patent Description</u>	<u>Date Filed</u>	<u>Grant Date</u>	<u>U.S. Patent No.</u>	<u>Owner</u>
TARGET TRACKING USING DIRECT TARGET REGISTRATION	11/2/06	2/22/11	7894649	Accuray Incorporated
FIDUCIAL LOCALIZATION	6/1/08	2/6/18	9883818	Accuray Incorporated
IMAGING METHODS FOR IMAGE-GUIDED RADIATION TREATMENT	7/29/14	2/20/18	9895555	Accuray Incorporated
TRACKING A TARGET STRUCTURE CONTAINED WITHIN A TARGET VOLUME USING AN X-RAY TOMOSYNTHESIS IMAGING DETECTOR	9/27/17	4/17/18	9943707	Accuray Incorporated
IMAGE-BASED APERTURE VERIFICATION SYSTEM FOR MULTI-LEAF COLLIMATOR	1/27/16	4/17/18	9950193	Accuray Incorporated
VERIFICATION OF LEAF POSITIONS FOR MULTI-LEAF COLLIMATOR USING MULTIPLE VERIFICATION SYSTEMS	1/27/16	4/17/18	9943705	Accuray Incorporated

UNITED STATES PATENT APPLICATIONS

<u>Patent Application Description</u>	<u>U.S. Patent Application No.</u>	<u>Date Applied</u>	<u>Status</u>	<u>Owner</u>
TREATMENT COUCH WITH LOCALIZATION ARRAY	15875966	January 19, 2018	Pending	Accuray Incorporated
LOCALIZATION ARRAY POSITION IN TREATMENT ROOM COORDINATE SYSTEM	15875975	January 19, 2018	Pending	Accuray Incorporated

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<u>Patent Application Description</u>	<u>U.S. Patent Application No.</u>	<u>Date Applied</u>	<u>Status</u>	<u>Owner</u>
GANTRY IMAGE GUIDED RADIOTHERAPY SYSTEM AND RELATED TREATMENT DELIVERY METHODS	15875683	January 19, 2018	Pending	Accuray Incorporated
GANTRY IMAGE GUIDED RADIOTHERAPY SYSTEM AND RELATED TREATMENT DELIVERY METHODS	15927843	March 21, 2018	Pending	Accuray Incorporated
VERIFICATION OF LEAF POSITIONS FOR MULTI-LEAF COLLIMATOR USING MULTIPLE VERIFICATION SYSTEMS	15916068	March 8, 2018	Pending	Accuray Incorporated
LOW-DOSE XRAY IMAGING METHOD FOR TARGET MOTION DETECTION IN QUASI-STATIC TRACKING MODES	15870207	January 12, 2018	Pending	Accuray Incorporated
LIMITING IMAGING RADIATION DOSE AND IMPROVING IMAGE QUALITY DURING TREATMENT DELIVERY	15922688	March 15, 2018	Pending	Accuray Incorporated
IMAGE REGISTRATION OF TREATMENT PLANNING IMAGE, INTRAFRACTION 3D IMAGE, AND	15862438	January 4, 2018	Pending	Accuray Incorporated

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<u>Patent Application Description</u>	<u>U.S. Patent Application No.</u>	<u>Date Applied</u>	<u>Status</u>	<u>Owner</u>
INTRAFRACTION 2D X-RAY IMAGE				
PARTIAL VIEW INTERFRACTION TREATMENT TARGET MOTION MANAGEMENT USING VOLUMETRIC IMAGING	15862449	January 4, 2018	Pending	Accuray Incorporated
NO-VIEW INTERFRACTION TREATMENT TARGET MOTION MANAGEMENT USING VOLUMETRIC IMAGING	15862461	January 4, 2018	Pending	Accuray Incorporated
COORDINATED MOTION OF A ROTATING 2D X-RAY IMAGER AND A LINEAR ACCELERATOR	15862477	January 4, 2018	Pending	Accuray Incorporated
USING A ROTATING 2D X-RAY IMAGER AS AN IMAGING DEVICE TO PERFORM TARGET TRACKING DURING RADIATION TREATMENT DELIVERY	15862497	January 4, 2018	Pending	Accuray Incorporated
SEQUENTIAL MONOSCOPIC TRACKING	15945580	April 4, 2018	Pending	Accuray Incorporated

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RECORDED: 07/12/2018

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