PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARIAD PHARMACEUTICALS, INC.	03/26/2019

RECEIVING PARTY DATA

Name:	MEDINOL LTD.
Street Address:	KIRYAT ATIDIM, BLDG. 8
City:	TEL AVIV
State/Country:	ISRAEL
Postal Code:	6158101

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7091213

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	JENNIFER A. CHICK
SIGNATURE:	/Jennifer A. Chick/
DATE SIGNED:	04/23/2019

Total Attachments: 4

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PATENT 505441533 REEL: 048972 FRAME: 0528

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

ARIAD PHARMACEUTICALS, INC., 26 Landsdowne Street, Cambridge, MA 02139 USA (hereinafter referred to as "ASSIGNOR"), as owner of the subject matter of the patent entitled:

PHOSPHORUS-CONTAINING COMPOUNDS AND USES THEREOF

for which an application for Letters Patent of the United States was filed on <u>June 4, 2004</u>, under Serial No. <u>10/862,149</u> and granted on <u>August 15, 2006</u>, under Patent No. 7,091,213.

WHEREAS.

MEDINOL LTD., Kiryat Atidim, Bldg. 8, Tel Aviv 6158101 Israel.

together with its successors and assigns (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by ASSIGNEE to ASSIGNOR, the receipt and sufficiency of which is hereby acknowledged, WE said ASSIGNOR, without reservation hereby

- 1. Assign, transfer, and convey to ASSIGNEE, the entire right, title and interest in and to said invention or discovery in the United States of America and its territorial possessions and in any and all countries, and to said application for Letters Patent or similar legal protection in the United States of America and its territorial possessions, and any and all other applications for Letters Patent or similar legal protection in the United States of America and other countries, including any continuation, divisional, renewal, substitute, Convention and Patent Cooperation Treaty (PCT) applications based upon said invention or discovery, or upon said applications, and any and all Letters Patent, reissues and extensions of Letters Patent granted for said invention or discovery or upon said applications, and every priority right that is or may be predicated upon or arise from said invention, said discovery, said applications, and said Letters Patent;
- 2. Authorize ASSIGNEE, its successors, legal representatives, or assigns, to file patent applications in any or all countries for said invention or discovery in our names or in the name of ASSIGNEE, or otherwise as ASSIGNEE may deem advisable, under an International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue or transfer all such Letters Patent for said invention or discovery to the ASSIGNEE, as assignee of the entire right, title and interest therein or as ASSIGNEE may direct; and

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4. Bind our heirs, legal representatives, and assigns, as well as ourselves, but without additional consideration to us or them, upon ASSIGNEE'S request and at ASSIGNEE'S expense to execute and deliver any and all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE for all divisional, continuation and reissue applications so desired.

Assignor's Signat	ture:		Market Control of the	Date:	26 Mar 19
Assignor's Typed	Name (in t	ull): <u>April Do</u>	vholuk		
Title: April Dovi	noluk	On behalf of:	Ariad Pharmacei	uticals, Inc.	
Clinical Ope					
IN WITNESS WHEREOF, on this day of the way 2019, before me, the undersigned authority, personally appeared to me known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed for the uses and purposed therein specified.					
<u> Sirkera</u> Name:	1.3	Lines	 .		
Title:			willing.		
On behalf of:	1 COM	ARBARA S. LIBMA Notary Public KNIWEATH OF MASSACHUS y Commission Expire August 1, 2025	SETTS		

Assignee's S	Signature:		<u> </u>	Date:	April 3	ری
Assignee's T	'yped Name (in full):ຼ	Kobi	RICHTE	R		
Title:C니	airman & c	CTO On b	ehalf of:	<u>eclinol</u>	Ctd.	anning.
authority, pers	WHEREOF, on this _sonally appeared to mecuted the foregoing same as his/her owr	e known and kno Assignment, ar	own to me to be t nd who duly ack	he individua nowledged	if who is described to me that he/she	(
	, c (C)					
	Tal Sela, Adv. License No. 26084					