

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: TMI134530

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		RELEASE OF SECURITY INTEREST	
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Perceptive Credit Holdings III, LP		03/27/2024	Limited Partnership: DELAWARE
RECEIVING PARTY DATA			
Company Name:	Metabolon, Inc.		
Street Address:	617 Davis Drive, Suite 100		
City:	Morrisville		
State/Country:	NORTH CAROLINA		
Postal Code:	27560		
Entity Type:	Corporation: DELAWARE		
PROPERTY NUMBERS Total: 10			
Property Type	Number	Word Mark	
Registration Number:	4727737		
Registration Number:	4746986	LIPOMICS	
Registration Number:	5476323	META IMD	
Registration Number:	3058960	METABOLON	
Registration Number:	3530800	METABOLON	
Registration Number:	4814724	METABOLON	
Registration Number:	4801218	METABOLYNC	
Registration Number:	5618320	PRECISION METABOLOMICS	
Registration Number:	4956087	QUANTOSE	
Registration Number:	4727739	TRUEMASS	
CORRESPONDENCE DATA			
Fax Number:	9197814865		
<i>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.</i>			
Phone:	(919)781-4000		
Email:	ip@wyrick.com		
Correspondent Name:	Devon E. White		
Address Line 1:	4101 Lake Boone Trail, Suite 300		
Address Line 4:	Raleigh, NORTH CAROLINA 27607		

OP \$265.00.00 86400276

ATTORNEY DOCKET NUMBER:	015665.0176
NAME OF SUBMITTER:	TAYLOR STROUD
SIGNATURE:	TAYLOR STROUD
DATE SIGNED:	04/01/2024

Total Attachments: 96

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RELEASE OF SECURITY INTERESTS IN PATENTS AND TRADEMARKS

THIS RELEASE OF SECURITY INTERESTS IN PATENTS AND TRADEMARKS (this “Release”) dated as of March 27, 2024 is executed by PERCEPTIVE CREDIT HOLDINGS III, LP, as administrative agent for the Secured Parties (in such capacity, the “Administrative Agent”), in favor of METABOLON, INC., a Delaware corporation (the “Grantor”). Capitalized terms used herein but not defined shall have the meaning ascribed to such terms in the Patent and Trademark Security Agreement (as defined below).

RECITALS

A. WHEREAS, pursuant to that certain Patent and Trademark Security Agreement dated as of July 22, 2020 made by Grantor in favor of Administrative Agent (the “Patent and Trademark Security Agreement”), the Grantor has granted to Administrative Agent a security interest in and to all of the Grantor’s right, title and interest in and to certain trade names, trademarks, and service marks, logos, trademark and service mark registrations, and applications for trademark and service mark registrations, including, but not limited to, those trademarks listed on Exhibit A attached hereto;

B. WHEREAS, pursuant to the Patent and Trademark Security Agreement, the Grantor has granted to Administrative Agent a security interest in and to all of the Grantor’s right, title and interest in and to certain patents and patent applications, including, but not limited to, those patents listed on Exhibit B attached hereto (collectively, with the trademarks referenced in the Patent and Trademark Security Agreement, the “Released Collateral”);

C. WHEREAS, the Patent and Trademark Security Agreement was recorded in the United States Patent and Trademark Office (the “USPTO”) on July 23, 2020, at Reel 7006, Frame 0417, with respect to the trademarks listed on Exhibit A attached hereto;

D. WHEREAS, the Patent and Trademark Security Agreement was recorded in the USPTO on July 24, 2020, at Reel 053313, Frame 0406, with respect to the patents listed on Exhibit B attached hereto;

E. WHEREAS, Administrative Agent wishes to terminate and release, without representation or warranty, its security interest in and to the Released Collateral as provided in this Release.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Administrative Agent hereby terminates the Patent and Trademark Security Agreement, and terminates and releases, without representation or warranty, its security interest in and to the Released Collateral, including all of Grantor’s right, title, and interest in, to and under all of the following:

(i) all of the trade names, trademarks and service marks, logos, trademark and service mark registrations, and applications for trademark and service mark registrations, whether now owned by Grantor or at any time hereafter acquired by Grantor and whether now existing or

hereafter coming into existence, that are registered with, or for which applications for registration have been filed with, the United States Patent and Trademark Office, including the trademarks listed on Exhibit A hereto, and all renewals of trademark and service mark registrations and all goodwill associated therewith; and

(ii) all patents and patent applications, including the inventions and improvements described and claimed therein, in each case whether now owned by Grantor or hereafter acquired by Grantor and whether now existing or hereafter coming into existence, including without limitation those listed on Exhibit B hereto, and all related reissues, divisions, continuations, renewals, extensions and continuations in part thereof.

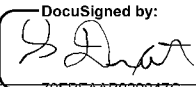
Administrative Agent acknowledges that this Release may be filed along with any other necessary documentation with the USPTO or any other governmental office to evidence the release granted herein at the sole expense of the Grantor. Administrative Agent authorizes the Grantor to record this Release with the USPTO and other applicable registry at the sole expense of the Grantor and agrees to provide the Grantor with any information and additional authorization necessary to affect the release of the security interest in the Released Collateral.

[Signature page follows]

IN WITNESS WHEREOF, Administrative Agent has executed this Release of Security Interests in Patents and Trademarks as of the date first set forth above.

PERCEPTIVE CREDIT HOLDINGS III, LP

By: Perceptive Credit Opportunities GP, LLC,
its general partner

DocuSigned by:
By: 
79FBFAAB029047C...
Name: Sandeep Dixit
Title: Chief Credit Officer


DocuSigned by:
By: 
22AB09C4A7E748E...
Name: Sam Chawla
Title: Portfolio Manager

Exhibit A

TRADEMARKS AND TRADEMARK APPLICATIONS

[See Attached]

Exhibit A to Release of Security Interests in Patents and Trademarks

Trademark List by Owner

Owner: METAB Metabolon, Inc.

Trademark	Case Number/Subcase Country Name	Application Number/Date	Publication Number/Date	Registration Number/Date	Stat Next Renew
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accuGFR	15665.118/T001 Denmark	A0065526 09-Mar-2017		1347928 09-Mar-2017	Registered 09-Mar-2027
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

accuGFR	15665.118/T001 Finland	A0065526 09-Mar-2017		1347928 09-Mar-2017	Registered 09-Mar-2027
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

accuGFR	15665.118/T001 Intl Registration - Madrid Protocol Only	A0065526 09-Mar-2017		1347928 09-Mar-2017	Registered 09-Mar-2027
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

accuGFR	15665.139/ Italy			1347928 19-Jun-2018	Registered
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Class(es):
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

accuGFR	15665.118/T001 Italy	A0065526 09-Mar-2017		1347928 09-Mar-2017	Registered 09-Mar-2027
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

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Owner: METAB Metabolon, Inc.

Trademark	Case Number/Subcase Country Name	Application Number/Date	Publication Number/Date	Registration Number/Date	Stat Next Renew
accuGFR	15665.118/T001 Spain	A0065526 09-Mar-2017		1347928 09-Mar-2017	Registered 09-Mar-2027
Class(es): 5 Agent Name: Division:					
Attorney(s): DEW Agent Ref: Division Ref:					
accuGFR	15665.118/T001 Sweden	A0065526 09-Mar-2017		1347928 09-Mar-2017	Registered 09-Mar-2027
Class(es): 5 Agent Name: Division:					
Attorney(s): DEW Agent Ref: Division Ref:					
accuGFR	15665.140/ Sweden			1347928 20-Jun-2018	Registered 20-Jun-2028
Class(es): Agent Name: Division:					
Attorney(s): DEW Agent Ref: Division Ref:					
LIPOMICS	15665.086/T001 United States of America	86400298 19-Sep-2014	17-Mar-2015	4746986 02-Jun-2015	Registered 02-Jun-2025
Class(es): 42 Agent Name: Division:					
Attorney(s): DEW Agent Ref: Division Ref:					
Lipomics Logo	15665.084/T001 United States of America	86400276 19-Sep-2014	10-Feb-2015	4727737 28-Apr-2015	Registered 28-Apr-2025
Class(es): 42 Agent Name: Division:					
Attorney(s): DEW Agent Ref: Division Ref:					

TRADEMARK

Trademark List by Owner

Owner: METAB Metabolon, Inc.

Trademark	Case Number/Subcase Country Name	Application Number/Date	Publication Number/Date	Registration Number/Date	Stat Next Renew
META IMD	15665.105/T001 Austria	A0067599 07-Jun-2017		1361969 07-Jun-2017	Registered 07-Jun-2027
Class(es): 5 Agent Name: Division:					
META IMD	15665.105/T001 Benelux	A0067599 07-Jun-2017		1361969 07-Jun-2017	Registered
Class(es): 5 Agent Name: Division:					
META IMD	15665.127/T001 Brazil	912966815 30-Jun-2017	18-Jul-2017	912966815 13-Nov-2018	Registered
Class(es): 5 Agent Name: Luiz Leonardos Division:					
META IMD	15665.106/ Canada	1866557 06-Nov-2017	13-Feb-2019	1025134 12-Jun-2019	Registered
Class(es): 5 Agent Name: McMillan Division:					
META IMD	15665.130/T001 Chile	1261929 24-Jul-2017	01-Sep-2017	1273654 24-Apr-2018	Registered 24-Apr-2028
Class(es): 5 Agent Name: Division:					

TRADEMARK

Trademark List by Owner

Owner: METAB Metabolon, Inc.

Trademark	Case Number/Subcase Country Name	Application Number/Date	Publication Number/Date	Registration Number/Date	Stat Next Renew
META IMD	15665.105/T001 China (Peoples Republic)	A0067599 07-Jun-2017		1361969 07-Jun-2017	Registered 06-Jun-2027
	Class(es): 5			Attorney(s): DEW	
	Agent Name:			Agent Ref:	
	Division:			Division Ref:	
META IMD	15665.105/T001 Colombia	A0067599 07-Jun-2017		1361969 07-Jun-2017	Registered 07-Jun-2027
	Class(es): 5			Attorney(s): DEW	
	Agent Name:			Agent Ref:	
	Division:			Division Ref:	
META IMD	15665.105/T001 Denmark	A0067599 07-Jun-2017		1361969 07-Jun-2017	Registered 07-Jun-2027
	Class(es): 5			Attorney(s): DEW	
	Agent Name:			Agent Ref:	
	Division:			Division Ref:	
META IMD	15665.105/T001 Finland	A0067599 07-Jun-2017		1361969 07-Jun-2017	Registered 07-Jun-2027
	Class(es): 5			Attorney(s): DEW	
	Agent Name:			Agent Ref:	
	Division:			Division Ref:	
META IMD	15665.105/T001 France	A0067599 07-Jun-2017		1361969 07-Jun-2017	Registered 07-Jun-2027
	Class(es): 5			Attorney(s): DEW	
	Agent Name:			Agent Ref:	
	Division:			Division Ref:	

TRADEMARK

Trademark List by Owner

Owner: METAB Metabolon, Inc.

Trademark	Case Number/Subcase Country Name	Application Number/Date	Publication Number/Date	Registration Number/Date	Stat Next Renew
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META IMD	15665.105/T001 Germany	A0067599 07-Jun-2017		1361969 07-Jun-2017	Registered 07-Jun-2027
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

META IMD	15665.105/T001 Intl Registration - Madrid Protocol Only	A0067599 07-Jun-2017		1361969 07-Jun-2017	Registered 07-Jun-2027
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

META IMD	15665.105/T001 Japan	A0067599 07-Jun-2017		1361969 07-Jun-2017	Registered 07-Jun-2027
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

META IMD	15665.143/ Mexico			1361969 29-Jun-2018	Registered
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Class(es):
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

META IMD	15665.105/T001 Mexico	A0067599 07-Jun-2017		1361969 07-Jun-2017	Registered 07-Jun-2027
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

Trademark List by Owner

Owner: METAB Metabolon, Inc.

Trademark	Case Number/Subcase Country Name	Application Number/Date	Publication Number/Date	Registration Number/Date	Stat Next Renew
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META IMD	15665.105/T001 Norway	A0067599 07-Jun-2017	03-Sep-2018	1361969 07-Jun-2017	Registered 07-Jun-2027
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

META IMD	15665.129/T001 Peru	708373 09-Jun-2017	05-Jul-2017	253734 22-Aug-2017	Registered 22-Aug-2027
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

META IMD	15665.126/T001 Qatar	116429 08-Aug-2017	02-Dec-2018	116429 02-May-2019	Registered
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

META IMD	15665.125/T001 Saudi Arabia	1438025290 09-Aug-2017	07-Feb-2018	1438025290 07-Aug-2018	Registered 19-Apr-2027
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

META IMD	15665.105/T001 Spain	A0067599 07-Jun-2017		1361969 07-Jun-2017	Registered 07-Jun-2027
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

Trademark List by Owner

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Trademark	Case Number/Subcase Country Name	Application Number/Date	Publication Number/Date	Registration Number/Date	Stat Next Renew
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META IMD	15665.105/T001 Sweden	A0067599 07-Jun-2017	03-Jul-2018	1361969 07-Jun-2017	Registered 07-Jun-2027
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

META IMD	15665.105/T001 United Kingdom	A0067599 07-Jun-2017		1361969 07-Jun-2017	Registered 07-Jun-2027
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

META IMD	15665.104/T001 United States of America	87192130 04-Oct-2016	25-Jul-2017	5476323 22-May-2018	Registered 22-May-2028
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

METABOLON	15665.087/T001 United States of America	78561330 05-Feb-2005	22-Nov-2005	3,058,960 14-Feb-2006	Registered 14-Feb-2026
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Class(es): 42
 Agent Name:
 Division:

Attorney(s): DEW JMF
 Agent Ref:
 Division Ref:

METABOLON & Design	15665.088/T001 United States of America	77443519 09-Apr-2008	26-Aug-2008	3530800 11-Nov-2008	Registered 11-Nov-2028
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Class(es): 42
 Agent Name:
 Division:

Attorney(s): DEW JMF
 Agent Ref:
 Division Ref:

Trademark List by Owner

Owner: METAB Metabolon, Inc.

Trademark	Case Number/Subcase Country Name	Application Number/Date	Publication Number/Date	Registration Number/Date	Stat Next Renew
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METABOLON Metaboman Design	15665.079/T001 Austria	A0046136 03-Nov-2014		1242182 09-Apr-2015	Registered 09-Nov-2025
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Class(es): 42
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

METABOLON Metaboman Design	15665.079/T001 Benelux	A0046136 03-Nov-2014		1242182 09-Apr-2015	Registered 03-Nov-2024
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Class(es): 42
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
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METABOLON Metaboman Design	15665.079/T001 Germany	A0046136 03-Nov-2014		1242182 09-Apr-2015	Registered 03-Nov-2024
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Class(es): 42
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

METABOLON Metaboman Design	15665.079/T001 Intl Registration - Madrid Protocol Only	A0046136 03-Nov-2014		1242182 09-Apr-2015	Registered 03-Nov-2024
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Class(es): 42
 Agent Name:
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Attorney(s): DEW
 Agent Ref:
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METABOLON Metaboman Design	15665.079/T001 Japan	A0046136 03-Nov-2014		1242182 09-Apr-2015	Registered 03-Nov-2024
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Class(es): 42
 Agent Name:
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Attorney(s): DEW
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 Division Ref:

Wednesday, June 17, 2020

Trademark List by Owner

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Owner: **METAB** Metabolon, Inc.

Trademark	Case Number/Subcase Country Name	Application Number/Date	Publication Number/Date	Registration Number/Date	Stat Next Renew
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METABOLON Metaboman Design	15665.079/T001 Mexico	A0046136 03-Nov-2014		1242182 09-Apr-2015	Registered 03-Nov-2024
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Class(es): 42
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

METABOLON Metaboman Design	15665.079/T001 Switzerland	A0046136 03-Nov-2014		1242182 09-Apr-2015	Registered 03-Nov-2024
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Class(es): 42
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

METABOLON Metaboman Design	15665.079/T001 United Kingdom	A0046136 03-Nov-2014		1242182 09-Apr-2015	Registered 03-Nov-2024
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Class(es): 42
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

METABOLON Metaboman Design	15665.082/T001 United States of America	86442915 03-Nov-2014	07-Apr-2015	4814724 15-Sep-2015	Registered 15-Sep-2025
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Class(es): 42
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

METABOLON PLUS DESIGN (SPHERE)	15665.091/T001 Canada	1390597 09-Apr-2008	22-Apr-2009	TMAA793994 28-Mar-2011	Registered 28-Mar-2026
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Class(es): 42
 Agent Name: Osler Hoskin & Harcourt
 Division:

Attorney(s): JMF DSP
 Agent Ref:
 Division Ref:

TRADEMARK

REEL: 008386 FRAME: 0046

Trademark List by Owner

Owner: **METAB** Metabolon, Inc.

Trademark	Case Number/Subcase Country Name	Application Number/Date	Publication Number/Date	Registration Number/Date	Stat Next Renew
METABOLON PLUS DESIGN (SPHERE)	15665.080/T001 Intl Registration - Madrid Protocol Only	A0012140 18-Apr-2008	28-Nov-2008	978675 18-Apr-2008	Registered 18-Apr-2028
	Class(es): 42			Attorney(s): JMF DSP	
	Agent Name:			Agent Ref:	
	Division:			Division Ref:	
METABOL YNC & Design	15665.080/T001 Austria	A0046148 04-Nov-2014		1241978 04-Nov-2014	Registered 04-Nov-2024
	Class(es): 41, 42			Attorney(s): DEW	
	Agent Name:			Agent Ref:	
	Division:			Division Ref:	
METABOL YNC & Design	15665.080/T001 Benelux	A0046148 04-Nov-2014		1241978 04-Nov-2014	Registered 04-Nov-2024
	Class(es): 41, 42			Attorney(s): DEW	
	Agent Name:			Agent Ref:	
	Division:			Division Ref:	
METABOL YNC & Design	15665.080/T001 Germany	A0046148 04-Nov-2014		1241978 04-Nov-2014	Registered 04-Nov-2024
	Class(es): 41, 42			Attorney(s): DEW	
	Agent Name:			Agent Ref:	
	Division:			Division Ref:	

TRADEMARK

Trademark List by Owner

Owner: **METAB** Metabolon, Inc.

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METABOL YNC & Design	15665.080/T001 Intl Registration - Madrid Protocol Only	A0046148 04-Nov-2014		1241978 04-Nov-2014	Registered 04-Nov-2024
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Class(es): 41, 42
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

METABOL YNC & Design	15665.080/T001 Japan	A0046148 04-Nov-2014		1241978 04-Nov-2014	Registered 04-Nov-2024
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Class(es): 41, 42
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

METABOL YNC & Design	15665.080/T001 Switzerland	A0046148 04-Nov-2014		1241978 04-Nov-2014	Registered 04-Nov-2024
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Class(es): 41, 42
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

METABOL YNC & Design	15665.080/T001 United Kingdom	A0046148 04-Nov-2014		1241978 04-Nov-2014	Registered 04-Nov-2024
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Class(es): 41, 42
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

METABOL YNC & Design	15665.083/T001 United States of America	86442918 03-Nov-2014	17-Mar-2015	4801218 25-Aug-2015	Registered 25-Aug-2025
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Class(es): 41, 42, 44
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

Trademark List by Owner

Owner: METAB Metabolon, Inc.

Trademark	Case Number/Subcase Country Name	Application Number/Date	Publication Number/Date	Registration Number/Date	Stat Next Renew
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METABOL YNC & Design (Class 41 only)	15665.080/T002 Mexico	A0046148 04-Nov-2014		1241978 04-Nov-2014	Registered 04-Nov-2024
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Class(es): 42
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

METABOL YNC & Design (Class 42 only)	15665.080/T001 Mexico	A0046148 04-Nov-2014		1241978 04-Nov-2014	Registered 04-Nov-2024
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Class(es): 42
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

PRECISION METABOLOMICS	15665.122/T001 Intl Registration - Madrid Protocol Only	A0067091 16-May-2017		1356888 20-Jul-2017	Registered 16-May-2027
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Class(es): 42
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

PRECISION METABOLOMICS	15665.142/ Mexico			1356888 04-Jul-2018	Registered
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Class(es):
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

PRECISION METABOLOMICS	15665.122/T001 United Kingdom	A0067091 16-May-2017		1356888 20-Jul-2017	Registered 16-May-2027
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Class(es): 42
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

Trademark List by Owner

Owner: METAB Metabolon, Inc.

Trademark	Case Number/Subcase Country Name	Application Number/Date	Publication Number/Date	Registration Number/Date	Stat Next Renew
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PRECISION METABOLOMICS

15665.121/T001	United States of America	87438891 05-May-2017	27-Mar-2018	5618320 27-Nov-2018	Registered 27-Nov-2028
Class(es): 42					
Agent Name:					
Division:					
Attorney(s): DEW					
Agent Ref:					
Division Ref:					

TRADEMARK

QUANTOSE

15665.096/T001	Benelux	A0053483 29-Sep-2015		1278334 29-Sep-2015	Registered 29-Sep-2025
Class(es): 5					
Agent Name:					
Division:					
Attorney(s): DEW					
Agent Ref:					
Division Ref:					

QUANTOSE

15665.096/T001	China (People's Republic)	A0053483 29-Sep-2015		1278334 29-Sep-2015	Registered 29-Sep-2025
Class(es): 5					
Agent Name:					
Division:					
Attorney(s): DEW					
Agent Ref:					
Division Ref:					

QUANTOSE

15665.096/T001	Denmark	A0053483 29-Sep-2015		1278334 29-Sep-2015	Registered 29-Sep-2025
Class(es): 5					
Agent Name:					
Division:					
Attorney(s): DEW					
Agent Ref:					
Division Ref:					

QUANTOSE

15665.096/T001	Finland	A0053483 29-Sep-2015		1278334 29-Sep-2015	Registered 29-Sep-2025
Class(es): 5					
Agent Name:					
Division:					
Attorney(s): DEW					
Agent Ref:					
Division Ref:					

Trademark List by Owner

Owner: METAB Metabolon, Inc.

Trademark	Case Number/Subcase Country Name	Application Number/Date	Publication Number/Date	Registration Number/Date	Stat Next Renew
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QUANTOSE	15665.096/T001 Germany	A0053483 29-Sep-2015		1278334 29-Sep-2015	Registered 29-Sep-2025
Class(es): 5 Agent Name: Division:					
Attorney(s): DEW Agent Ref: Division Ref:					

QUANTOSE	15665.096/T001 Intl Registration - Madrid Protocol Only	A0053483 29-Sep-2015		1278334 29-Sep-2015	Registered 29-Sep-2025
Class(es): 5 Agent Name: Division:					
Attorney(s): DEW Agent Ref: Division Ref:					

QUANTOSE	15665.096/T001 Italy	A0053483 29-Sep-2015		1278334 29-Sep-2015	Registered 29-Sep-2025
Class(es): 5 Agent Name: Division:					
Attorney(s): DEW Agent Ref: Division Ref:					

QUANTOSE	15665.096/T001 Japan	A0053483 29-Sep-2015		1278334 29-Sep-2015	Registered 29-Sep-2025
Class(es): 5 Agent Name: Division:					
Attorney(s): DEW Agent Ref: Division Ref:					

QUANTOSE	15665.096/T001 Mexico	A0053483 29-Sep-2015		1278334 29-Sep-2015	Registered 29-Sep-2025
Class(es): 5 Agent Name: Division:					
Attorney(s): DEW Agent Ref: Division Ref:					

Trademark List by Owner

Owner: METAB Metabolon, Inc.

Trademark	Case Number/Subcase Country Name	Application Number/Date	Publication Number/Date	Registration Number/Date	Statu Next Renew
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QUANTOSE	15665.096/T001 Norway	A0053483 29-Sep-2015		1278334 29-Sep-2015	Registered 29-Sep-2025
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

QUANTOSE	15665.096/T001 Spain	A0053483 29-Sep-2015		1278334 29-Sep-2015	Registered 29-Sep-2025
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

QUANTOSE	15665.096/T001 Sweden	A0053483 29-Sep-2015		1278334 29-Sep-2015	Registered 29-Sep-2025
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

QUANTOSE	15665.096/T001 Switzerland	A0053483 29-Sep-2015		1278334 29-Sep-2015	Registered 29-Sep-2025
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

QUANTOSE	15665.096/T001 United Kingdom	A0053483 29-Sep-2015		1278334 29-Sep-2015	Registered 29-Sep-2025
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Class(es): 5
 Agent Name:
 Division:

Attorney(s): DEW
 Agent Ref:
 Division Ref:

Trademark List by Owner

Owner: METAB Metabolon, Inc.

Trademark	Case Number/Subcase Country Name	Application Number/Date	Publication Number/Date	Registration Number/Date	Stat Next Renew
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QUANTOSE	15665.090/T001 United States of America	85468464 09-Nov-2011	24-Apr-2012	4956087 10-May-2016	Registered 10-May-2026
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Class(es): 5
 Agent Name:
 Division:
 Attorney(s): DEW JMF JCL
 Agent Ref:
 Division Ref:

TRUEMASS	15665.085/T001 United States of America	86400285 19-Sep-2014	10-Feb-2015	4727739 28-Apr-2015	Registered 28-Apr-2025
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Class(es): 42
 Agent Name:
 Division:
 Attorney(s): DEW
 Agent Ref:
 Division Ref:

TRADEMARK

Report Selection

- by Trademark
- by Country
- by Division
- by Owner

Preview before printing

Report Format

- Concise
- Comprehensive

Goods

- Print
- Do Not Print

Remarks

- Print
- Do Not Print

Include Design Countries

- Yes
- No

Date Range

Filing Registration Next Renewal Last Update
 From : To :

Division:
 Country:
 Area: Attorney:
 Trademark:
 Owner:

Status Codes:

- Active
- Inactive
- All

Status(es):

EXHIBIT B

PATENTS AND PATENT APPLICATIONS

[See Attached]

Exhibit B to Release of Security Interests in Patents and Trademarks



METABOLON

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Granted Applications by Division Biomarkers

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Matter Number, Country, Sub Case

Case Type

Attorneys

Application Number, Date

Publication Number, Date

Patent Number, Date

Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Patent Number, Date	Attorneys
0005PCT	Australia	168			BGL
	DIV	AU 2014216035	AU 2014216035	AU 2014216035	AU 2014216035
		29-Aug-2014	18-Sep-2014	22-Dec-2016	
Title	METHOD FOR DETERMINING INSULIN SENSITIVITY WITH BIOMARKERS				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione				
0005PCT	Australia	212			BGL
	DIV	AU2016206265	AU2016206265	AU2016206265	AU2016206265
		19-Jul-2016	04-Aug-2016	07-Jun-2018	
Title	METHOD FOR DETERMINING INSULIN SENSITIVITY WITH BIOMARKERS				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione				
0005PCT	Australia	61			BGL
	PCT	AU 2008279778	AU 2008279778	AU 2008279778	AU 2008279778
		14-Jan-2010	18-Sep-2014	08-Jan-2015	
Title	METHOD FOR DETERMINING INSULIN SENSITIVITY WITH BIOMARKERS				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione				
0005PCT	European Patent Convention	57			BGL
	PCT	EP 08780229.4	EP 2164977	EP 2,164,977	EP 2,164,977
		08-Dec-2009	24-Mar-2010	30-Oct-2013	
Title	BIOMARKERS FOR PRE-DIABETES, CARDIOVASCULAR DISEASES, AND OTHER METABOLIC-SYNDROME RELATED DISORDERS AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Murgitroyd & Company Limited				

TRADEMARK

REEL: 008386 FRAME: 0056



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0005PCT France	EPP	EP 08780229.4 08-Dec-2009	EP 2164977 24-Mar-2010	BGL	EP 2,164,977 30-Oct-2013
Title	Granted	BIOMARKERS FOR PRE-DIABETES, CARDIOVASCULAR DISEASES, AND OTHER METABOLIC-SYNDROME RELATED DISORDERS AND METHODS USING THE SAME			
Status	Expiration Date				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Murgitroyd & Company Limited				
0005PCT Germany	EPP	EP 08780229.4 08-Dec-2009	EP 2164977 24-Mar-2010	BGL	DE 2,164,977 30-Oct-2013
Title	Granted	BIOMARKERS FOR PRE-DIABETES, CARDIOVASCULAR DISEASES, AND OTHER METABOLIC-SYNDROME RELATED DISORDERS AND METHODS USING THE SAME			
Status	Expiration Date				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Murgitroyd & Company Limited				
0005PCT Hong Kong	REP	HK 10109028.5 08-Dec-2009	HK 1142636 10-Dec-2010	BGL	HK 1142636 28-Mar-2014
Title	Granted	BIOMARKERS FOR PRE-DIABETES, CARDIOVASCULAR DISEASES, AND OTHER METABOLIC-SYNDROME RELATED DISORDERS AND METHODS USING THE SAME			
Status	Expiration Date				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Murgitroyd & Company Limited				
0005PCT Ireland	EPP	EP 08780229.4 08-Dec-2009	EP 2164977 24-Mar-2010	BGL	IE 2,164,977 30-Oct-2013
Title	Granted	BIOMARKERS FOR PRE-DIABETES, CARDIOVASCULAR DISEASES, AND OTHER METABOLIC-SYNDROME RELATED DISORDERS AND METHODS USING THE SAME			
Status	Expiration Date				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Murgitroyd & Company Limited				



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Granted Applications by Division Biomarkers

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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0005PCT Japan	DIV	2014-218116 27-Oct-2014	2015-064362 09-Apr-2015	BGL	JP 5,876,918 29-Jan-2016
Title	Granted	BIOMARKERS FOR PRE-DIABETES, CARDIOVASCULAR DISEASES, AND OTHER METABOLIC-SYNDROME RELATED DISORDERS AND METHODS USING THE SAME			
Status	Granted	Expiration Date			
Division	Biomarkers	Attorney Docket	13778-4		
Assignee	Metabolon, Inc.				
Agent and Reference	Asamura Patent Office	481/10/2 JP			
0005PCT Japan	PCT	JP 2010-517019 15-Jan-2010	JP 2010537157 02-Dec-2010	BGL	JP 5,701,601 27-Feb-2015
Title	Granted	BIOMARKERS FOR PRE-DIABETES, CARDIOVASCULAR DISEASES, AND OTHER METABOLIC-SYNDROME RELATED DISORDERS AND METHODS USING THE SAME			
Status	Granted	Expiration Date			
Division	Biomarkers	Attorney Docket	13778-4		
Assignee	Metabolon, Inc.				
Agent and Reference	Asamura Patent Office	PA-38020/CJ / 481/10			
0005PCT Mexico	DIV	MX/a/2013/008169 12-Jul-2013		BGL	MX 341954 08-Sep-2016
Title	Granted	BIOMARKERS FOR PRE-DIABETES, CARDIOVASCULAR DISEASES, AND OTHER METABOLIC-SYNDROME RELATED DISORDERS AND METHODS USING THE SAME			
Status	Granted	Expiration Date			
Division	Biomarkers	Attorney Docket	13778-4		
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione	481/10/2 MX			
0005PCT Mexico	PCT	MX/a/2010/000414 14-Jan-2010	MX 2010000414 01-Apr-2010	BGL	MX 315,308 13-Nov-2013
Title	Granted	BIOMARKERS FOR PRE-DIABETES, CARDIOVASCULAR DISEASES, AND OTHER METABOLIC-SYNDROME RELATED DISORDERS AND METHODS USING THE SAME			
Status	Granted	Expiration Date			
Division	Biomarkers	Attorney Docket	13778-4		
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione	207471/JUO/ybv			



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Granted Applications by Division Biomarkers

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Matter Number, Country, Sub Case

Case Type

Attorneys

Application Number, Date

Publication Number, Date

Patent Number, Date

Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0005PCT Singapore	62	PCT		BGL	
		PCT/US2008/008756	SG 157,785	SG 157,785	13-Jul-2012
		17-Dec-2009			
Title	Granted	BIOMARKERS FOR PRE-DIABETES, CARDIOVASCULAR DISEASES, AND OTHER METABOLIC-SYNDROME RELATED DISORDERS AND METHODS USING THE SAME			
Status	Granted	Expiration Date			
Division	Biomarkers	Attorney Docket	13778-4		17-Jul-2028
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione	23832SG-1/KJ/R/L/CL/rek			
0005PCT Spain	57ES	EPP		BGL	
		EP 08780229.4	EP 2164977	EP 2,164,977	30-Oct-2013
		08-Dec-2009	24-Mar-2010		
Title	Granted	BIOMARKERS FOR PRE-DIABETES, CARDIOVASCULAR DISEASES, AND OTHER METABOLIC-SYNDROME RELATED DISORDERS AND METHODS USING THE SAME			
Status	Granted	Expiration Date			
Division	Biomarkers	Attorney Docket	13778-4		17-Jul-2028
Assignee	Metabolon, Inc.				
Agent and Reference	Murgitroyd & Company Limited	P114668.EP.01			
0005PCT Switzerland	57CH	EPP		BGL	
		EP 08780229.4	EP 2164977	CH 2,164,977	30-Oct-2013
		08-Dec-2009	24-Mar-2010		
Title	Granted	BIOMARKERS FOR PRE-DIABETES, CARDIOVASCULAR DISEASES, AND OTHER METABOLIC-SYNDROME RELATED DISORDERS AND METHODS USING THE SAME			
Status	Granted	Expiration Date			
Division	Biomarkers	Attorney Docket	13778-4		17-Jul-2028
Assignee	Metabolon, Inc.				
Agent and Reference	Murgitroyd & Company Limited	P114668.EP.01			
0005PCT United Kingdom	57GB	EPP		BGL	
		EP 08780229.4	EP 2164977	GB 2,164,977	30-Oct-2013
		08-Dec-2009	24-Mar-2010		
Title	Granted	BIOMARKERS FOR PRE-DIABETES, CARDIOVASCULAR DISEASES, AND OTHER METABOLIC-SYNDROME RELATED DISORDERS AND METHODS USING THE SAME			
Status	Granted	Expiration Date			
Division	Biomarkers	Attorney Docket	13778-4		17-Jul-2028
Assignee	Metabolon, Inc.				
Agent and Reference	Murgitroyd & Company Limited	P114668.EP.01			

TRADEMARK

REEL: 008386 FRAME: 0059



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Granted Applications by Division Biomarkers

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Matter Number, Country, Sub Case

Case Type Application Number, Date Publication Number, Date Attorneys Patent Number, Date

0005US1	United States of America	130	CON	139966,475	US-2013-0338031	BGL	US 8,809,008
				14-Aug-2013	19-Dec-2013		19-Aug-2014
Title	BIOMARKERS FOR IMPAIRED GLUCOSE TOLERANCE AND METHODS USING THE SAME						
Status	Granted						
Division	Biomarkers						
Assignee	Metabolon, Inc.						
Agent and Reference	Brinks Gilson & Lione 481/10/3 UTIL						
0005US1	United States of America	167	CON	14/324,689	US 2015/0005195	BGL	US 9,250,225
				07-Jul-2014	01-Jan-2015		02-Feb-2016
Title	BIOMARKERS FOR INSULIN RESISTANCE AND METHODS USING THE SAME						
Status	Granted						
Division	Biomarkers						
Assignee	Metabolon, Inc.						
Agent and Reference	Brinks Gilson & Lione 481/10/4 UTIL						

0005US1	United States of America	198	CON	14/975,988	US2016/0178620	BGL	US 10,175,233
				21-Dec-2015	23-Jun-2016		08-Jan-2019
Title	BIOMARKERS FOR PRE-DIABETES, CARDIOVASCULAR DISEASES, AND OTHER METABOLIC-SYNDROME RELATED DISORDERS AND METHODS USING THE SAME						
Status	Granted						
Division	Biomarkers						
Assignee	Metabolon, Inc.						
Agent and Reference	NKLaw, PLLC 481/10/5 UTIL						
0005US1	United States of America	3	PCT	12/218,980	US2009-0155826A1	BGL	US 8,187,830
				17-Jul-2008	18-Jun-2009		29-May-2012
Title	METHOD FOR DETERMINING INSULIN SENSITIVITY WITH BIOMARKERS						
Status	Granted						
Division	Biomarkers						
Assignee	Metabolon, Inc.						
Agent and Reference	Brinks Gilson & Lione 481/10 UTIL						

TRADEMARK

REEL: 008386 FRAME: 0060



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Granted Applications by Division Biomarkers

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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0005US1	United States of America	97			
		DIV			
		13/457,620	2012/0208215A1	BGL	US 8,546,098
		27-Apr-2012	16-Aug-2012		01-Oct-2013
Title		BIOMARKERS FOR MONITORING INSULIN RESISTANCE AND METHODS USING THE SAME		Expiration Date	26-Jul-2028
Status		Granted			
Division		Biomarkers			
Assignee		Metabolon, Inc.			
Agent and Reference		Brinks Gilson & Lione			
		481/10/2 UTTL			
0008US1	United States of America	6			
		PCT			
		11/711,518	2007-0298998A1	BGL	US 8,841,077
		27-Feb-2007	27-Dec-2007		23-Sep-2014
Title		BIOMARKERS FOR AMYOTROPHIC LATERAL SCLEROSIS AND METHODS OF USING THE SAME		Expiration Date	10-Jan-2030
Status		Granted			
Division		Biomarkers			
Assignee		Metabolon, Inc.			
Agent and Reference		Brinks Gilson & Lione			
		481/4 UTTL			
0010US1	United States of America	41			
		PCT			
		12/300,000	US2010/0197626A1	BGL	US 8,394,354
		27-May-2009	05-Aug-2010		12-Mar-2013
Title		BIOMARKERS FOR DEPRESSION AND METHODS USING SAME		Expiration Date	19-Sep-2029
Status		Granted			
Division		Biomarkers			
Assignee		Metabolon, Inc.			
Agent and Reference		Brinks Gilson & Lione			
		481/5 UTTL			
0011EP1	European Patent Convention	54			
		PCT			
		EP 07868439.6	EP 2,089,539	BGL	EP 2,089,539
		12-Oct-2007	19-Aug-2009		07-Dec-2011
Title		BIOMARKERS RELATED TO METABOLIC AGE AND METHODS USING THE SAME		Expiration Date	12-Oct-2027
Status		Granted			
Division		Biomarkers			
Assignee		Metabolon, Inc.			
Agent and Reference		Murgitroyd & Company Limited			
		481/9 EP			



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Granted Applications by Division Biomarkers

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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0011EP1	France	92 EPP 07868439.6 12-Oct-2007	2089539 19-Aug-2009	BGL EP 2,089,539 07-Dec-2011	12-Oct-2027
		Title: BIOMARKERS RELATED TO METABOLIC AGE AND METHODS USING THE SAME			
		Status: Granted			
		Division: Biomarkers			
		Assignee: Metabolon, Inc.			
		Agent and Reference: Murgitroyd & Company Limited			
0011EP1	Germany	93 EPP 07868439.6 12-Oct-2007	2089539 19-Aug-2009	BGL EP 2,089,539 07-Dec-2011	12-Oct-2027
		Title: BIOMARKERS RELATED TO METABOLIC AGE AND METHODS USING THE SAME			
		Status: Granted			
		Division: Biomarkers			
		Assignee: Metabolon, Inc.			
		Agent and Reference: Murgitroyd & Company Limited			
0011EP1	Ireland	95 EPP 07868439.6 12-Oct-2007	2089539 19-Aug-2009	BGL EP 2,089,539 07-Dec-2011	12-Oct-2027
		Title: BIOMARKERS RELATED TO METABOLIC AGE AND METHODS USING THE SAME			
		Status: Granted			
		Division: Biomarkers			
		Assignee: Metabolon, Inc.			
		Agent and Reference: Murgitroyd & Company Limited			
0011EP1	Switzerland	96 EPP 07868439.6 12-Oct-2007	2089539 19-Aug-2009	BGL EP 2,089,539 07-Dec-2011	12-Oct-2027
		Title: BIOMARKERS RELATED TO METABOLIC AGE AND METHODS USING THE SAME			
		Status: Granted			
		Division: Biomarkers			
		Assignee: Metabolon, Inc.			
		Agent and Reference: Murgitroyd & Company Limited			



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Granted Applications by Division Biomarkers

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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0011EP1	United Kingdom	94			
		EPP		BGL	
		07868439.6	2089539	EP 2,089,539	
		12-Oct-2007	19-Aug-2009	07-Dec-2011	
Title	BIOMARKERS RELATED TO METABOLIC AGE AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Murgitroyd & Company Limited				
0011JP1	Japan	51			
		PCT		BGL	
		2009-532611	2010-507075	JP 5,363,984	
		10-Apr-2009	04-Mar-2010	13-Sep-2013	
Title	BIOMARKERS RELATED TO METABOLIC AGE AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione				
0011US1	United States of America	16			
		PCT		BGL	
		11/871,752	2008-0124752A1	US 7,781,160	
		12-Oct-2007	29-May-2008	24-Aug-2010	
Title	BIOMARKERS RELATED TO METABOLIC AGE AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione				
0012AU1	Australia	46			
		PCT		BGL	
		AU 2007299846	AU 2007299846	AU 2007299846	
		18-Sep-2007	27-Mar-2008	05-Mar-2015	
Title	BIOMARKERS FOR PROSTATE CANCER AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Watermark				



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0012EP1	European Patent Convention	48			
		PCT			
		EP 07842724.2	EP 2061899	BGL	EP 2,061,899
		23-Mar-2009	27-May-2009		29-Aug-2012
Title	Granted	BIOMARKERS FOR PROSTATE CANCER AND METHODS USING THE SAME	Expiration Date		18-Sep-2027
Status					
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Harrison Goddard Foote	Attorney Docket	13778-48		
		481/8 EP			
0012EP1	France	100			
		EPP			
		EP 07842724.2	EP 2061899	BGL	FR 2,061,899
		23-Mar-2009	27-May-2009		29-Aug-2012
Title	Granted	BIOMARKERS FOR PROSTATE CANCER AND METHODS USING THE SAME	Expiration Date		18-Sep-2027
Status					
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Harrison Goddard Foote	Attorney Docket	13778-48		
		481/8 FR			
0012EP1	Germany	101			
		EPP			
		EP 07842724.2	EP 2061899	BGL	DE 2,061,899
		23-Mar-2009	27-May-2009		29-Aug-2012
Title	Granted	BIOMARKERS FOR PROSTATE CANCER AND METHODS USING THE SAME	Expiration Date		18-Sep-2027
Status					
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Harrison Goddard Foote	Attorney Docket	13778-48		
		481/8 DE			
0012EP1	Ireland	103			
		EPP			
		EP 07842724.2	EP 2061899	BGL	IE 2,061,899
		23-Mar-2009	27-May-2009		29-Aug-2012
Title	Granted	BIOMARKERS FOR PROSTATE CANCER AND METHODS USING THE SAME	Expiration Date		18-Sep-2027
Status					
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Harrison Goddard Foote	Attorney Docket	13778-48		
		481/8 IE			



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0012EP1	Switzerland	104			
	EPP	EP 07842724.2	EP 2061899	BGL	CH 2,061,899
		23-Mar-2009	27-May-2009		29-Aug-2012
Title	BIOMARKERS FOR PROSTATE CANCER AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Harrison Goddard Foote 481/8 CH				
0012EP1	United Kingdom	102			
	EPP	EP 07842724.2	EP 2061899	BGL	GB 2,061,899
		23-Mar-2009	27-May-2009		29-Aug-2012
Title	BIOMARKERS FOR PROSTATE CANCER AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Harrison Goddard Foote 481/8 GB				
0012HK	Hong Kong	63			
	PCX	HK 09110767.1	HK 1131806	BGL	HK 1,131,806
		17-Nov-2009	05-Feb-2010		14-Dec-2012
Title	BIOMARKERS FOR PROSTATE CANCER AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione 481/8 HK				
0012JP1	Japan	49			
	PCT	JP 2009-529349	JP 2010-504527	BGL	JP 5,297,379
		18-Mar-2009	21-Sep-2010		21-Jun-2013
Title	BIOMARKERS FOR PROSTATE CANCER AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Asamura Patent Office 481/8 JP				



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0012US1	United States of America	45			
	PCT	12/441,945	US-2010-0292331-A1	BGL	US 8,518,650
		12-Feb-2010	18-Nov-2010		27-Aug-2013
Title	BIOMARKERS FOR PROSTATE CANCER AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione				
		481/8 UTIL			
0013PCT	Australia	32			
	PCT	2008289172	WO2009026152A1	CAS	AU 2,008,289,172
		11-Mar-2010	26-Feb-2009		02-May-2013
Title	METABOLOMIC PROFILING OF PROSTATE CANCER				
Status	Granted				
Division	Biomarkers				
Assignee	University of Michigan & Metabolon				
Agent and Reference	Casimir Jones				
0013PCT	European Patent Convention	32			
	PCT	08827819.7	EP2179292	CAS	EP 2,179,292
		18-Feb-2010	28-Apr-2010		28-Nov-2012
Title	METABOLOMIC PROFILING OF PROSTATE CANCER				
Status	Granted				
Division	Biomarkers				
Assignee	University of Michigan & Metabolon				
Agent and Reference	Casimir Jones				
0013PCT	European Patent Convention	32EP			
	DIV	EP 12194382.3	EP2597464	CAS	EP 2,597,464
		27-Nov-2012	29-May-2013		25-Feb-2015
Title	METABOLOMIC PROFILING OF PROSTATE CANCER				
Status	Granted				
Division	Biomarkers				
Assignee	University of Michigan & Metabolon				
Agent and Reference	Casimir Jones				



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0013PCT	Germany	32			
	EPP			CAS	
	EP 08827819.7	EP 2179292	EP 2,179,292	EP 2,179,292	EP 2,179,292
	18-Feb-2010	28-Apr-2010	28-Nov-2012	28-Nov-2012	28-Nov-2012
Title	Granted	METABOLOMIC PROFILING OF PROSTATE CANCER	Expiration Date	15-Aug-2028	
Status	Biomarkers				
Division	University of Michigan & Metabolon				
Assignee	Casimir Jones				
Agent and Reference		Attorney Docket			
		3740			
0013PCT	Hong Kong	32			
	PCX			CAS	
	HK 10110005.0	HK 1143418	HK 1,143,418	HK 1,143,418	HK 1,143,418
	22-Oct-2010	31-Dec-2010	16-Aug-2013	16-Aug-2013	16-Aug-2013
Title	Granted	METABOLOMIC PROFILING OF PROSTATE CANCER	Expiration Date	15-Aug-2028	
Status	Biomarkers				
Division	University of Michigan & Metabolon				
Assignee	Casimir Jones				
Agent and Reference		Attorney Docket			
		3740			
0013PCT	Japan	32			
	PCT			CAS	
	2010-521202	2010-537170	JP 5,406,187	JP 5,406,187	JP 5,406,187
	14-Feb-2010	02-Dec-2010	08-Nov-2013	08-Nov-2013	08-Nov-2013
Title	Granted	METABOLOMIC PROFILING OF PROSTATE CANCER	Expiration Date	15-Aug-2028	
Status	Biomarkers				
Division	University of Michigan & Metabolon				
Assignee	Casimir Jones				
Agent and Reference		Attorney Docket			
		3740			
0013PCT	United Kingdom	32			
	EPP			CAS	
	EP 08827819.7	EP 2,179,292	EP 2,179,292	EP 2,179,292	EP 2,179,292
	18-Feb-2010	28-Apr-2010	28-Nov-2012	28-Nov-2012	28-Nov-2012
Title	Granted	METABOLOMIC PROFILING OF PROSTATE CANCER	Expiration Date	15-Aug-2028	
Status	Biomarkers				
Division	University of Michigan & Metabolon				
Assignee	Casimir Jones				
Agent and Reference		Attorney Docket			
		3740			



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys
0014PCT	European Patent Convention	110		BGL
	DIV	12188223.7	2546649A	EP 2,546,649
		11-Oct-2012	16-Jan-2013	25-Feb-2015
Title	BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME			
Status	Granted			
Division	Biomarkers			
Assignee	Metabolon, Inc.			
Agent and Reference	Brinks Gilson & Lione			
0014PCT	European Patent Convention	185		BGL
	DIV	EP 15155591.9	EP 2930512	EP 2930512B
		18-Feb-2015	14-Oct-2015	31-Jan-2018
Title	BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME			
Status	Granted			
Division	Biomarkers			
Assignee	Metabolon, Inc.			
Agent and Reference	Brinks Gilson & Lione			
0014PCT	European Patent Convention	66		BGL
	PCT	08845659.5	2227689A	EP 2,227,689
		31-Oct-2008	15-Sep-2010	26-Dec-2012
Title	BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME			
Status	Granted			
Division	Biomarkers			
Assignee	Metabolon, Inc.			
Agent and Reference	Brinks Gilson & Lione			
0014PCT	France	119		BGL
	EPP	08845659.5	2227689A	EP 2,227,689
		31-Oct-2008	15-Sep-2010	26-Dec-2012
Title	BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME			
Status	Granted			
Division	Biomarkers			
Assignee	Metabolon, Inc.			
Agent and Reference	Brinks Gilson & Lione			

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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0014PCT France	EDV	181 EP 12188223.7 11-Oct-2012	EP 2546649A 16-Jan-2013	BGL	FR 2,546,649 25-Feb-2015
	Granted	BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME		Expiration Date	31-Oct-2028
Division	Biomarkers	Attorney Docket	13778-39		
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione	481/12/2 FR			
0014PCT France	DIV	265 EP 15155591.9 18-Feb-2015	EP 2930512 14-Oct-2015	BGL	EP 2930512 31-Jan-2018
	Granted	BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME		Expiration Date	31-Oct-2028
Division	Biomarkers	Attorney Docket	13778-39		
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione	481/12/3 FR			
0014PCT Germany	EPP	120 08845659.5 31-Oct-2008	2227689A 15-Sep-2010	BGL	EP 2,227,689 26-Dec-2012
	Granted	BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME		Expiration Date	31-Oct-2028
Division	Biomarkers	Attorney Docket	13778-39		
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione	481/12 DE			
0014PCT Germany	EDV	180 EP 12188223.7 11-Oct-2012	EP 2546649A 16-Jan-2013	BGL	DE 2,546,649 25-Feb-2015
	Granted	BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME		Expiration Date	31-Oct-2028
Division	Biomarkers	Attorney Docket	13778-39		
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione	481/12/2 DE			



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0014PCT	Germany	266			
	DIV	EP 15155591.9 18-Feb-2015	EP 2930512 14-Oct-2015	BGL	EP 2930512 31-Jan-2018
Title		BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME			
Status		Granted			
Division		Biomarkers			
Assignee		Metabolon, Inc.			
Agent and Reference		Brinks Gilson & Lione 481/12/3 DE			
0014PCT	Hong Kong	208			
	REP	HK 16104033.3 08-Apr-2016	HK 1216189 21-Oct-2016	BGL	HK 1216189 04-Jan-2019
Title		BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME			
Status		Granted			
Division		Biomarkers			
Assignee		Metabolon, Inc.			
Agent and Reference		NKLaw, PLLC 481/12/3 HK			
0014PCT	Ireland	122			
	EPP	08845659.5 31-Oct-2008	2227689A 15-Sep-2010	BGL	EP 2,227,689 26-Dec-2012
Title		BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME			
Status		Granted			
Division		Biomarkers			
Assignee		Metabolon, Inc.			
Agent and Reference		Brinks Gilson & Lione 481/12 IE			
0014PCT	Ireland	267			
	DIV	EP 15155591.9 18-Feb-2015	EP 2930512 14-Oct-2015	BGL	EP 2930512 31-Jan-2018
Title		BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME			
Status		Granted			
Division		Biomarkers			
Assignee		Metabolon, Inc.			
Agent and Reference		Brinks Gilson & Lione 481/12/3 IE			



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0014PCT Japan	PCT	2010-532284 28-Apr-2010	2011-503547 27-Jan-2011	BGL JP 5,270,684 17-May-2013	
	Granted	BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME			31-Oct-2028
	Division	Biomarkers	Attorney Docket	13778-39	
	Assignee	Metabolon, Inc.			
	Agent and Reference	Brinks Gilson & Lione	481/12 JP		
0014PCT Spain	EPP	08845659.5 31-Oct-2008	2227689A 15-Sep-2010	BGL EP 2,227,689 26-Dec-2012	
	Granted	BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME			31-Oct-2028
	Division	Biomarkers	Attorney Docket	13778-39	
	Assignee	Metabolon, Inc.			
	Agent and Reference	Brinks Gilson & Lione	481/12 ES		
0014PCT Switzerland	EPP	08845659.5 31-Oct-2008	2227689A 15-Sep-2010	BGL EP 2,227,689 26-Dec-2012	
	Granted	BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME			31-Oct-2028
	Division	Biomarkers	Attorney Docket	13778-39	
	Assignee	Metabolon, Inc.			
	Agent and Reference	Brinks Gilson & Lione	481/12 CH		
0014PCT Switzerland	EDV	12188223.7 11-Oct-2012	2546649A 16-Jan-2013	BGL CH 2,546,649 25-Feb-2015	
	Granted	BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME			31-Oct-2028
	Division	Biomarkers	Attorney Docket	13778-39	
	Assignee	Metabolon, Inc.			
	Agent and Reference	Brinks Gilson & Lione	481/12 CH		

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0014PCT	Switzerland	263			
	DIV				BGL
	EP 15155591.9	EP 2930512	EP 2930512		EP 2930512
	18-Feb-2015	14-Oct-2015	14-Oct-2015		31-Jan-2018
Title	BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione				
0014PCT	United Kingdom	121			
	EPP				BGL
	08845659.5	2227689A	2227689A		EP 2.227.689
	31-Oct-2008	15-Sep-2010	15-Sep-2010		26-Dec-2012
Title	BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione				
0014PCT	United Kingdom	182			
	EDV				BGL
	1218823.7	2546649A	2546649A		GB 2,546,649
	11-Oct-2012	16-Jan-2013	16-Jan-2013		25-Feb-2015
Title	BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione				
0014PCT	United Kingdom	264			
	DIV				BGL
	EP 15155591.9	EP 2930512	EP 2930512		EP 2930512
	18-Feb-2015	14-Oct-2015	14-Oct-2015		31-Jan-2018
Title	BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione				

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0022	France	150		
	EPP	EP 10739188.0	EP 2393946	BGL EP 2,393,946
	Granted	05-Sep-2011	14-Dec-2011	04-Dec-2013
Title	DETERMINATION OF THE LIVER TOXICITY OF AN AGENT			
Status	Granted			
Division	Biomarkers			
Assignee	Metabolon, Inc.			
Agent and Reference	Brinks Gilson & Lione			
0022	Germany	151		
	EPP	EP 10739188.0	EP 2393946	BGL EP 2,393,946
	Granted	05-Sep-2011	14-Dec-2011	04-Dec-2013
Title	DETERMINATION OF THE LIVER TOXICITY OF AN AGENT			
Status	Granted			
Division	Biomarkers			
Assignee	Metabolon, Inc.			
Agent and Reference	Brinks Gilson & Lione			
0022	Japan	79		
	PCT	JP 2011-549293	JP 2012517596	BGL JP 5,567,600
	Granted	05-Aug-2011	02-Aug-2012	27-Jun-2014
Title	DETERMINATION OF THE LIVER TOXICITY OF AN AGENT			
Status	Granted			
Division	Biomarkers			
Assignee	Metabolon, Inc.			
Agent and Reference	Brinks Gilson & Lione			
0022	Switzerland	152		
	EPP	EP 10739188.0	EP 2393946	BGL EP 2,393,946
	Granted	05-Sep-2011	14-Dec-2011	04-Dec-2013
Title	DETERMINATION OF THE LIVER TOXICITY OF AN AGENT			
Status	Granted			
Division	Biomarkers			
Assignee	Metabolon, Inc.			
Agent and Reference	Brinks Gilson & Lione			

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0022 United Kingdom	153 EPP EP 10739188.0 05-Sep-2011	EP2393946 14-Dec-2011	BGL EP 2,393,946 04-Dec-2013	
Title	DETERMINATION OF THE LIVER TOXICITY OF AN AGENT			
Status	Granted			
Division	Biomarkers			
Assignee	Metabolon, Inc.			
Agent and Reference	Brinks Gilson & Lione 481/13 GB	Attorney Docket 13778-43	Expiration Date 05-Feb-2030	
0022 United States of America	76 PCT 13/148,082 05-Aug-2011	US2011-0300571-A1 08-Dec-2011	BGL US 8,658,351 25-Feb-2014	
Title	DETERMINATION OF THE LIVER TOXICITY OF AN AGENT			
Status	Granted			
Division	Biomarkers			
Assignee	Metabolon, Inc.			
Agent and Reference	Brinks Gilson & Lione 481/13 UTIL	Attorney Docket 13778-43	Expiration Date 05-Feb-2030	
0035 Japan	145 PCT JP 2014-530734 13-Mar-2014	JP 6,158,186 05-Jul-2017	NK JP 6,158,186 16-Jun-2017	
Title	BIOMARKERS RELATED TO INSULIN RESISTANCE AND METHODS USING THE SAME			
Status	Granted			
Division	Biomarkers			
Assignee	Metabolon, Inc.			
Agent and Reference	Brinks Gilson & Lione 481/18 JP	Attorney Docket 13778-84	Expiration Date 11-Sep-2032	
0035 United States of America	143 PCT 14/344,655 13-Mar-2014	US2015-0065460 05-Mar-2015	NK US 10,302,663 28-May-2019	
Title	METHOD OF ASSESSING PANCREATIC BETA-CELL FUNCTION			
Status	Granted			
Division	Biomarkers			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC 481/18 UTIL	Attorney Docket 13778-84	Expiration Date 03-May-2036	



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0040	European Patent Convention	188			BGL
		PCT			
		EP 14746017.4	EP 2,951,313	EP 2951313	
		08-Jul-2015	09-Dec-2015	07-Mar-2018	
		Biomarkers OF INSULIN RESISTANCE PROGRESSION AND USES THEREOF			
	Granted		Expiration Date		16-Jan-2034
	Biomarkers		Attorney Docket		
	Metabolon, Inc.				
	Assignee				
	Brinks Gilson & Lione				
	Agent and Reference	481/19 EP			
0040	France	249			BGL
		EPP			
		EP 14746017.4	EP 2,951,313	FR 2,951,313	
		08-Jul-2015	09-Dec-2015	07-Mar-2018	
		Biomarkers OF INSULIN RESISTANCE PROGRESSION AND USES THEREOF			
	Granted		Expiration Date		16-Jan-2034
	Biomarkers		Attorney Docket		
	Metabolon, Inc.				
	Assignee				
	Brinks Gilson & Lione				
	Agent and Reference	481/19 FR			
0040	Germany	247			BGL
		EPP			
		EP 14746017.4	EP 2,951,313	DE 2,951,313	
		08-Jul-2015	09-Dec-2015	07-Mar-2018	
		Biomarkers OF INSULIN RESISTANCE PROGRESSION AND USES THEREOF			
	Granted		Expiration Date		16-Jan-2034
	Biomarkers		Attorney Docket		
	Metabolon, Inc.				
	Assignee				
	Brinks Gilson & Lione				
	Agent and Reference	481/19 DE			
0040	Hong Kong	213			BGL
		REP			
		HK 16105395.2	HK 1217516	HK 1217516	
		11-May-2016	13-Jan-2017	18-Jan-2019	
		Biomarkers OF INSULIN RESISTANCE PROGRESSION AND USES THEREOF			
	Granted		Expiration Date		16-Jan-2034
	Biomarkers		Attorney Docket		
	Metabolon, Inc.				
	Assignee				
	NKLaw, PLLC				
	Agent and Reference	481/19 HK			

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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0040	United States of America	187			
		PCT			
		14/763,962	US2015-0362510	BGL	US 9,910,047
		28-Jul-2015	17-Dec-2015		06-Mar-2018
Title					
Status					
Division					
Assignee					
Agent and Reference					
0041	China (People's Republic)	193			
		PCT			
		CN 201480027332.7	CN 105209909A	NK, BGL	CN 105209909
		13-Nov-2015	30-Dec-2015		07-Jun-2019
Title					
Status					
Division					
Assignee					
Agent and Reference					
0041	European Patent Convention	194			
		PCT			
		EP 14797070.1	EP 2,997,366	NK, BGL	EP 2,997,366
		14-Dec-2015	23-Mar-2016		10-Oct-2018
Title					
Status					
Division					
Assignee					
Agent and Reference					
0041	France	194			
		EPP			
		EP 14797070.1	EP 2,997,366	NK, BGL	EP 2,997,366
		14-Dec-2015	23-Mar-2016		10-Oct-2018
Title					
Status					
Division					
Assignee					
Agent and Reference					

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Patent Number, Date

Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Patent Number, Date	Attorneys
0041 Germany	EPP	194 EP 14797070.1 14-Dec-2015	EP 2,997,366 23-Mar-2016	NK, BGL EP 2,997,366 10-Oct-2018	
	Granted	BIOMARKERS RELATED TO KIDNEY FUNCTION AND METHODS USING THE SAME	Expiration Date	13-May-2034	
Division	Biomarkers	Attorney Docket			
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione	13778-194DE			
0041 Hong Kong	RCN	214 16106343.3 03-Jun-2016	HK1218331 10-Feb-2017	NK, BGL HK1218331 29-Apr-2020	
	Granted	BIOMARKERS RELATED TO KIDNEY FUNCTION AND METHODS USING THE SAME	Expiration Date	13-May-2034	
Division	Biomarkers	Attorney Docket			
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC	481/20 HK			
0041 Hong Kong	REP	223 HK 16110994.7 19-Sep-2016	HK 1222905 14-Jul-2017	NK, BGL HK 1222905 B 25-Oct-2019	
	Granted	BIOMARKERS RELATED TO KIDNEY FUNCTION AND METHODS USING THE SAME	Expiration Date	13-May-2034	
Division	Biomarkers	Attorney Docket			
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC	481/20/2 HK			
0041 Ireland	EPP	194 EP 14797070.1 14-Dec-2015	EP 2,997,366 23-Mar-2016	NK, BGL EP 2,997,366 10-Oct-2018	
	Granted	BIOMARKERS RELATED TO KIDNEY FUNCTION AND METHODS USING THE SAME	Expiration Date	13-May-2034	
Division	Biomarkers	Attorney Docket			
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione	13778-194			

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0041 Japan	PCT	JP 2016-514016 13-Nov-2015	JP 6595984	NK, BGL JP 6595984	04-Oct-2019
	Granted	BIOMARKERS RELATED TO KIDNEY FUNCTION AND METHODS USING THE SAME		Attorney Docket	Expiration Date
Agent and Reference	Biomarkers	Metabolon, Inc.			
	Assignee	NKLaw, PLLC			
	Agent and Reference	481/20 JP			
0041 Mexico	PCT	MX/a/2015/015561 10-Nov-2015		NK, BGL MX 365,061	22-May-2019
	Granted	BIOMARKERS RELATED TO KIDNEY FUNCTION AND METHODS USING THE SAME		Attorney Docket	Expiration Date
Agent and Reference	Biomarkers	Metabolon, Inc.			
	Assignee	NKLaw, PLLC			
	Agent and Reference	481/20 MX			
0041 Spain	EPP	EP 14797070.1 14-Dec-2015	EP 2,997,366 23-Mar-2016	NK, BGL EP 2,997,366	10-Oct-2018
	Granted	BIOMARKERS RELATED TO KIDNEY FUNCTION AND METHODS USING THE SAME		Attorney Docket	Expiration Date
Agent and Reference	Biomarkers	Metabolon, Inc.			
	Assignee	Brinks Gilson & Lione			
	Agent and Reference	13778-194ES			
0041 Switzerland	EPP	EP 14797070.1 14-Dec-2015	EP 2,997,366 23-Mar-2016	NK, BGL EP 2,997,366	10-Oct-2018
	Granted	BIOMARKERS RELATED TO KIDNEY FUNCTION AND METHODS USING THE SAME		Attorney Docket	Expiration Date
Agent and Reference	Biomarkers	Metabolon, Inc.			
	Assignee	Brinks Gilson & Lione			
	Agent and Reference	13778-194ES			



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Patent Number, Date	Attorneys
0045	European Patent Convention	206			
		DIV			BGL, MOR, MGB
		EP17194611.4	EP 3285072	EP 3285072	EP 3285072
		03-Oct-2017	21-Feb-2018	15-Apr-2020	
	MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF				
	Granted				08-Aug-2027
	Expiration Date				
	Division	Biomarkers			
	Assignee	Metabolon, Inc.			
	Agent and Reference	NKLaw, PLLC	481/6/3 EP		
0045	France	169			
		EPP			BGL, MOR, MGB
		EP 20070836680	EP 2057473	FR 2057473	FR 2057473
		08-Aug-2007	13-May-2009	12-Nov-2014	
	MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF				
	Granted				08-Aug-2027
	Expiration Date				
	Division	Biomarkers			
	Assignee	Metabolon, Inc.			
	Agent and Reference	Carpmaels & Ranford	481/6 FR		
0045	France	206			
		EDV			BGL, MOR, MGB
		EP17194611.4	EP 3285072	EP 3285072	EP 3285072
		03-Oct-2017	21-Feb-2018	15-Apr-2020	
	MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF				
	Granted				08-Aug-2027
	Expiration Date				
	Division	Biomarkers			
	Assignee	Metabolon, Inc.			
	Agent and Reference	NKLaw, PLLC	481/6/3 EP		
0045	France	239			
		DIV			BGL, MOR, MGB
		EP12196378.9	EP2607902	EP 2,607,902	EP 2,607,902
		08-Aug-2007	26-Jun-2013	04-Oct-2017	
	MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF				
	Granted				08-Aug-2027
	Expiration Date				
	Division	Biomarkers			
	Assignee	Metabolon, Inc.			
	Agent and Reference	Brinks Gilson & Liore	481/6/2 FR		

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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date				
0045 Germany	EPP	EP 20070836680 08-Aug-2007	EP 2057473 13-May-2009	BGL, MOR, MGB DE 2057473 12-Nov-2014	BGL, MOR, MGB				
						MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF			
							Granted		
								Biomarkers	
									Metabolon, Inc.
Agent and Reference									
	Carpmaels & Ransford								
		481/6 DE							
			0045 Germany	EDV	EP 171946114 03-Oct-2017	EP 3285072 21-Feb-2018	BGL, MOR, MGB EP 3285072 15-Apr-2020		
								MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF	
									Granted
Biomarkers									
	Metabolon, Inc.								
		Attorney Docket							
			Agent and Reference						
				NKLaw, PLLC					
					481/6/3 EP				
0045 Germany						DIV	EP 12196378.9 08-Aug-2007	EP 2607902 26-Jun-2013	BGL, MOR, MGB EP 2,607,902 04-Oct-2017
	MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF								
		Granted							
			Biomarkers						
				Metabolon, Inc.					
					Attorney Docket				
Agent and Reference									
	Brinks Gilson & Liore								
		481/6/2 DE							
			0045 Hong Kong			REP	HK 09110580.6 12-Nov-2009	HK 1131209 15-Jan-2010	BGL, MOR, MGB HK 1131209 27-Nov-2015
				MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF					
					Granted				
Biomarkers									
	Metabolon, Inc.								
		Attorney Docket							
			Agent and Reference						
				Brinks Gilson & Liore					
					481/6 HK				



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0045 Ireland	EDV	206	EP 3285072	BGL, MOR, MGB	EP 2,607,902
		EP17194611.4	21-Feb-2018	EP 3285072	04-Oct-2017
		03-Oct-2017		15-Apr-2020	
Title	Granted	MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF			
Status	Attorney Docket				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC				
0045 Ireland	EDV	241	EP2607902	BGL, MOR, MGB	EP 2,607,902
		EP12196378.9	26-Jun-2013	EP 2057473	08-Aug-2027
		08-Aug-2007		ES 2057473	12-Nov-2014
Title	Granted	MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF			
Status	Attorney Docket				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione				
0045 Spain	EPP	171	EP 2057473	BGL, MOR, MGB	EP 2057473
		EP 20070836880	13-May-2009	ES 2057473	12-Nov-2014
		08-Aug-2007		ES 2057473	12-Nov-2014
Title	Granted	MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF			
Status	Attorney Docket				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Carpmaels & Ransford				
0045 Switzerland	EPP	172	EP 2057473	BGL, MOR, MGB	EP 2057473
		EP 20070836880	13-May-2009	CH 2057473	12-Nov-2014
		08-Aug-2007		CH 2057473	12-Nov-2014
Title	Granted	MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF			
Status	Attorney Docket				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Carpmaels & Ransford				



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		Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0045	Switzerland	206	EDV EP17194611.4 03-Oct-2017	EP 3285072 21-Feb-2018	BGL, MOR, MGB	EP 3285072 15-Apr-2020
Title	MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF					
Status	Granted					
Division	Biomarkers					
Assignee	Metabolon, Inc.					
Agent and Reference	NKLAW, PLLC 481/6/3 EP					
0045	Switzerland	243	EDV EP 12196378.9 08-Aug-2007	EP 2607902 26-Jun-2013	BGL, MOR, MGB	EP 2,607,902 04-Oct-2017
Title	MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF					
Status	Granted					
Division	Biomarkers					
Assignee	Metabolon, Inc.					
Agent and Reference	Brinks Gilson & Liore 481/6/2 CH					
0045	United Kingdom	173	EPP EP 20070836880 08-Aug-2007	EP 2057473 13-May-2009	BGL, MOR, MGB	GB 2057473 12-Nov-2014
Title	MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF					
Status	Granted					
Division	Biomarkers					
Assignee	Metabolon, Inc.					
Agent and Reference	Carpmaels & Ransford 481/6 GB					
0045	United Kingdom	206	EDV EP17194611.4 03-Oct-2017	EP 3285072 21-Feb-2018	BGL, MOR, MGB	EP 3285072 15-Apr-2020
Title	MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF					
Status	Granted					
Division	Biomarkers					
Assignee	Metabolon, Inc.					
Agent and Reference	NKLAW, PLLC 481/6/3 EP					



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0045	United Kingdom	244			
	EDV			BGL, MOR, MGB	
	EP 12196378.9	08-Aug-2007	EP 2607902	EP 2,607,902	04-Oct-2017
			26-Jun-2013		
Title	MARKERS OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCOHOLIC STEATOHEPATITIS (NASH) AND METHODS OF USE THEREOF				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	Brinks Gilson & Lione 481/6/2 GB				
0048	Australia	216			
	PCT			BGL	
	AU 2014364539	27-May-2016		AU 2014364539	14-Nov-2019
Title	BIOMARKERS OF DE NOVO LIPOGENESIS AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC 481/21 AU				
0048	European Patent Convention	210			
	PCT			BGL	
	EP 14870759.9	03-Jun-2016	EP 3082833	EP 3,082,833	05-Dec-2018
			26-Oct-2016		
Title	BIOMARKERS OF DE NOVO LIPOGENESIS AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC 481/21 EP				
0048	France	210			
	EPP			BGL	
	EP 14870759.9	03-Jun-2016	EP 3082833	EP 3,082,833	05-Dec-2018
			26-Oct-2016		
Title	BIOMARKERS OF DE NOVO LIPOGENESIS AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC 481/21 FR				



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0048 Germany	EPP	210 EP 14870759.9 03-Jun-2016	EP3082833 26-Oct-2016	BGL	EP 3,082,833 05-Dec-2018
Title	Granted	BIOMARKERS OF DE NOVO LIPOGENESIS AND METHODS USING THE SAME			18-Dec-2034
Status			Expiration Date		
Division	Biomarkers	Attorney Docket	13778-141		
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC	481/21 DE			
0048 Ireland	EPP	210 EP 14870759.9 03-Jun-2016	EP3082833 26-Oct-2016	BGL	EP 3,082,833 05-Dec-2018
Title	Granted	BIOMARKERS OF DE NOVO LIPOGENESIS AND METHODS USING THE SAME			18-Dec-2034
Status			Expiration Date		
Division	Biomarkers	Attorney Docket	13778-141		
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC	481/21 IE			
0048 Japan	PCT	211 JP 2016-541152 17-Jun-2016		BGL	JP 6557235 19-Jul-2019
Title	Granted	BIOMARKERS OF DE NOVO LIPOGENESIS AND METHODS USING THE SAME			18-Dec-2034
Status			Expiration Date		
Division	Biomarkers	Attorney Docket	13778-141		
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC	481/21 JP			
0048 Singapore	PCT	220 SG 11201604702Y 09-Jun-2016		BGL	SG 11201604702Y 09-Nov-2018
Title	Granted	BIOMARKERS OF DE NOVO LIPOGENESIS AND METHODS USING THE SAME			18-Dec-2034
Status			Expiration Date		
Division	Biomarkers	Attorney Docket	13778-141		
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC	481/21 SG			



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0048	Spain	210	EPP EP 14870759.9 03-Jun-2016	EP3082833 26-Oct-2016	BGL EP 3,082,833 05-Dec-2018
Title	BIOMARKERS OF DE NOVO LIPOGENESIS AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC				
0048	Switzerland	210	EPP EP 14870759.9 03-Jun-2016	EP 3082833 26-Oct-2016	BGL EP 3,082,833 05-Dec-2018
Title	BIOMARKERS OF DE NOVO LIPOGENESIS AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC				
0048	United Kingdom	210	EPP EP 14870759.9 03-Jun-2016	EP3082833 26-Oct-2016	BGL EP 3,082,833 05-Dec-2018
Title	BIOMARKERS OF DE NOVO LIPOGENESIS AND METHODS USING THE SAME				
Status	Granted				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC				

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0001US2	United States of America	US2	CON	11/728,826	27-Mar-2007	US-2007-0172820-A1	26-Jul-2007	MCE	US 7,910,301	22-Mar-2011
Title	Granted	METHODS FOR DRUG DISCOVERY, DISEASE TREATMENT, AND DIAGNOSIS USING METABOLOMICS								
Status	Metabolomics									
Division	Metabolon, Inc.									
Assignee	McCarter & English									
Agent and Reference	McCarter & English									

0001US3	United States of America	PAT7	CON	11/301,077	12-Dec-2005	US-2006-0134676-A1	22-Jun-2006	MCE	US 7,682,783	23-Mar-2010
Title	Granted	METHODS FOR DRUG DISCOVERY, DISEASE TREATMENT, AND DIAGNOSIS USING METABOLOMICS								
Status	Metabolomics									
Division	Metabolon, Inc.									
Assignee	McCarter & English									
Agent and Reference	McCarter & English									

0001US5	United States of America	PAT8	CON	11/301,079	12-Dec-2005	US-2006-0134678-A1	22-Jun-2006	MCE	US 7,682,784	23-Mar-2010
Title	Granted	METHODS FOR DRUG DISCOVERY, DISEASE TREATMENT, AND DIAGNOSIS USING METABOLOMICS								
Status	Metabolomics									
Division	Metabolon, Inc.									
Assignee	McCarter & English									
Agent and Reference	McCarter & English									

0001US6	United States of America	PAT6	CON	11/357,732	17-Feb-2006	US-2007-0026389-A1	01-Feb-2007	MCE	US 7,635,556	22-Dec-2009
Title	Granted	METHODS FOR DRUG DISCOVERY, DISEASE TREATMENT, AND DIAGNOSIS USING METABOLOMICS								
Status	Metabolomics									
Division	Metabolon, Inc.									
Assignee	McCarter & English									
Agent and Reference	McCarter & English									



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0001US8	United States of America	US8	CON	12/463,690	11-May-2009	US 2009-0280521A1	12-Nov-2009	MCE	US 7,947,453	24-May-2011
Title										
Status										
Division										
Assignee										
Agent and Reference										

0001USPAT1	United States of America	PAT1	CON	10/757,616	13-Jan-2004	US 2004-0146853A1	29-Jul-2004	MCE	US 7,005,255	28-Feb-2006
Title										
Status										
Division										
Assignee										
Agent and Reference										

0001USPAT2	United States of America	PAT2	CIP	10/695,265	27-Oct-2003	20050014132A1	20-Jan-2005	MCE	US 7,329,489	12-Feb-2008
Title										
Status										
Division										
Assignee										
Agent and Reference										

0001USPAT3	United States of America	PAT3	CON	11/405,033	14-Apr-2006	US-2007-0072203-A1	29-Mar-2007	MCE	US 7,550,258	23-Jun-2009
Title										
Status										
Division										
Assignee										
Agent and Reference										



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0001USPAT7	PAT4	CON 11728,827 27-Mar-2007	US-2007-0172885 A1 26-Jul-2007	MCE US 7,550,260 23-Jun-2009
		METHODS FOR DRUG DISCOVERY, DISEASE TREATMENT, AND DIAGNOSIS USING METABOLOMICS		
	Granted		Expiration Date	13-Apr-2021
Division	Metabolomics	Attorney Docket		
Assignee	Metabolon, Inc.			
Agent and Reference	McCarter & English			
0001USPAT5	PATS	CON 11728,640 27-Mar-2007	US-2007-0178599-A1 02-Aug-2007	MCE US 7,553,616 30-Jun-2009
		METHODS FOR DRUG DISCOVERY, DISEASE TREATMENT, AND DIAGNOSIS USING METABOLOMICS		
Title	Granted		Expiration Date	13-Apr-2021
Status	Metabolomics	Attorney Docket		
Division	Metabolon, Inc.			
Assignee	McCarter & English			
Agent and Reference				

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0049	European Patent Convention	4035			
	PCT				
	EP 16715645.4	09-Aug-2017	EP 3254105	13-Dec-2017	EP 3254105
					07-Aug-2019
	DIAGNOSTIC METHODS, THERAPEUTIC AGENTS AND USES THEREOF (X12063)				
	Granted				
Division	Targeted Assays				
Assignee	Metabolon, Inc.				
Agent and Reference	McCarter & English	117729-04035			04-Feb-2036
0049	France	4035			
	EPP				
	16715645.4	09-Aug-2017	EP3254105	13-Dec-2017	3254105
					07-Aug-2019
	DIAGNOSTIC METHODS, THERAPEUTIC AGENTS AND USES THEREOF (X12063)				
	Granted				
Division	Targeted Assays				
Assignee	Metabolon, Inc.				
Agent and Reference	McCarter & English				
0049	Germany	4035			
	EPP				
	16715645.4	09-Aug-2017	EP3254105	13-Dec-2017	3254105
					07-Aug-2019
	DIAGNOSTIC METHODS, THERAPEUTIC AGENTS AND USES THEREOF (X12063)				
	Granted				
Division	Targeted Assays				
Assignee	Metabolon, Inc.				
Agent and Reference	McCarter & English				
0049	Ireland	4035			
	EPP				
	16715645.4	09-Aug-2017	EP3254105	13-Dec-2017	3254105
					07-Aug-2019
	DIAGNOSTIC METHODS, THERAPEUTIC AGENTS AND USES THEREOF (X-12063)				
	Granted				
Division	Targeted Assays				
Assignee	Metabolon, Inc.				
Agent and Reference	McCarter & English				



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0049	Japan	4043			
		PCT			MCE
		JP 2017-541232	JP 2018-507404	JP 6639512	07-Jan-2020
		04-Aug-2017	15-Mar-2018		
Title		DIAGNOSTIC METHODS, THERAPEUTIC AGENTS AND USES THEREOF (X12063)			
Status		Granted			
Division		Targeted Assays			
Assignee		Metabolon, Inc.			
Agent and Reference		McCarter & English			
117729-04043					
0049	Switzerland	4035			
		EPP			MCE
		16715645.4	EP3254105	3254105	07-Aug-2019
		09-Aug-2017	13-Dec-2017		
Title		DIAGNOSTIC METHODS, THERAPEUTIC AGENTS AND USES THEREOF (X12063)			
Status		Granted			
Division		Targeted Assays			
Assignee		Metabolon, Inc.			
Agent and Reference		McCarter & English			
4001					
0049	United Kingdom	4035			
		EPP			MCE
		16715645.4	EP3254105	3254105	07-Aug-2019
		09-Aug-2017	13-Dec-2017		
Title		DIAGNOSTIC METHODS, THERAPEUTIC AGENTS AND USES THEREOF (X12063)			
Status		Granted			
Division		Targeted Assays			
Assignee		Metabolon, Inc.			
Agent and Reference		McCarter & English			
4001					
0049	United States of America	4003			
		PCT			MCE
		15/548,854	US 2018-0031541-A1	US 10,502,729	10-Dec-2019
		04-Aug-2017	01-Feb-2018		
Title		DIAGNOSTIC METHODS, THERAPEUTIC AGENTS AND USES THEREOF (X-12063)			
Status		Granted			
Division		Targeted Assays			
Assignee		Metabolon, Inc.			
Agent and Reference		McCarter & English			
4003					



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0002	Canada	CA1	PCT 2,618,123 07-Aug-2006	2618123 15-Feb-2007	WCS CA 2,618,123 02-Apr-2013
Title	SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT USING A DATABASE IN A COMPUTING SYSTEM TO COMPARE AND COMPARE METABOLOMIC DATA OBTAINED FROM A PLURA				
Status	Granted				
Division	Technology				
Assignee	Metabolon, Inc.				
Agent and Reference	Wornble Carlyle Sandridge & Rice				
63772.0009.6		Attorney Docket	338841	Expiration Date	07-Aug-2026
0002	Japan	JP1	PCT 2008-526121 07-Aug-2006	2009-505231 05-Feb-2009	WCS JP 4,950,993 16-Mar-2012
Title	SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT USING A DATABASE IN A COMPUTING SYSTEM TO COMPARE AND COMPARE METABOLOMIC DATA OBTAINED FROM A PLURA				
Status	Granted				
Division	Technology				
Assignee	Metabolon, Inc.				
Agent and Reference	Wornble Carlyle Sandridge & Rice				
63772.0007.0		Attorney Docket	338841	Expiration Date	07-Aug-2026
0002	United States of America	PAT1	PCT 11/462,838 07-Aug-2006	US 2007-0032969 08-Feb-2007	WCS US 7,433,787 07-Oct-2008
Title	SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT USING A DATABASE IN A COMPUTING SYSTEM TO COMPARE AND COMPARE METABOLOMIC DATA OBTAINED FROM A PLURA				
Status	Granted				
Division	Technology				
Assignee	Metabolon, Inc.				
Agent and Reference	Wornble Carlyle Sandridge & Rice				
94000.0063.5		Attorney Docket	338841	Expiration Date	07-Aug-2026
0003	Canada	CA1	PCT 2,646,890 20-Mar-2007	2646890 27-Sep-2007	WCS CA 2,646,890 31-Jul-2012
Title	A SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR ANALYZING SPECTROMETRY DATA TO IDENTIFY AND QUANTIFY INDIVIDUAL COMPONENTS IN A SAMPLE				
Status	Granted				
Division	Technology				
Assignee	Metabolon, Inc.				
Agent and Reference	Ridout & Maybee				
63772.0010.0		Attorney Docket	362153	Expiration Date	20-Mar-2027



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0003	European Patent Convention	8.8			
	PCT	07758894.5	EP 1997049	WCS	EP 1,997,049
		20-Mar-2007	03-Dec-2008		13-Mar-2019
Title	Granted	A SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR ANALYZING SPECTROMETRY DATA TO IDENTIFY AND QUANTIFY INDIVIDUAL COMPONENTS IN A SAMPLE			
Status	Granted	Expiration Date			
Division	Technology	Attorney Docket	362153		20-Mar-2027
Assignee	Metabolon, Inc.				
Agent and Reference	Wornble Carlyle Sandridge & Rice	63772.0008.8			
0003	France	8.8			
	EPP	07758894.5	1997049	WCS	1997049
		20-Mar-2007	03-Dec-2008		13-Mar-2019
Title	Granted	A SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR ANALYZING SPECTROMETRY DATA TO IDENTIFY AND QUANTIFY INDIVIDUAL COMPONENTS IN A SAMPLE			
Status	Granted	Expiration Date			
Division	Technology	Attorney Docket	362153		20-Mar-2027
Assignee	Metabolon, Inc.				
Agent and Reference	Wornble Carlyle Sandridge & Rice				
0003	Germany	8.8			
	EPP	07758894.5	1997049	WCS	1997049
		20-Mar-2007	03-Dec-2008		13-Mar-2019
Title	Granted	A SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR ANALYZING SPECTROMETRY DATA TO IDENTIFY AND QUANTIFY INDIVIDUAL COMPONENTS IN A SAMPLE			
Status	Granted	Expiration Date			
Division	Technology	Attorney Docket	362153		20-Mar-2027
Assignee	Metabolon, Inc.				
Agent and Reference	Wornble Carlyle Sandridge & Rice				
0003	Japan	6.1			
	PCT	2009-501695	JP2009530648	WCS	JP 5,496,650
		20-Mar-2007	27-Aug-2009		14-Mar-2014
Title	Granted	A SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR ANALYZING SPECTROMETRY DATA TO IDENTIFY AND QUANTIFY INDIVIDUAL COMPONENTS IN A SAMPLE			
Status	Granted	Expiration Date			
Division	Technology	Attorney Docket	362153		20-Mar-2027
Assignee	Metabolon, Inc.				
Agent and Reference	Okuyama & Co.	63772.0006.1			



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0003	Switzerland	8.8	EPP 07758894.5 20-Mar-2007	1997049 03-Dec-2008	WCS 1997049 13-Mar-2019
Title	A SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR ANALYZING SPECTROMETRY DATA TO IDENTIFY AND QUANTIFY INDIVIDUAL COMPONENTS IN A SAMPLE				
Status	Granted				
Division	Technology				
Assignee	Metabolon, Inc.				
Agent and Reference	Wornble Carlyle Sandridge & Rice Attorney Docket 362153 Expiration Date 20-Mar-2027				

0003	United Kingdom	8.8	EPP 07758894.5 20-Mar-2007	1997049 03-Dec-2008	WCS 1997049 13-Mar-2019
Title	A SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR ANALYZING SPECTROMETRY DATA TO IDENTIFY AND QUANTIFY INDIVIDUAL COMPONENTS IN A SAMPLE				
Status	Granted				
Division	Technology				
Assignee	Metabolon, Inc.				
Agent and Reference	Wornble Carlyle Sandridge & Rice Attorney Docket 362153 Expiration Date 20-Mar-2027				

0003	United States of America	PAT1	PCT 11/688,526 20-Mar-2007	2007-0288174 13-Dec-2007	WCS US 7,561,975 14-Jul-2009
Title	SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR ANALYZING SPECTROMETRY DATA TO IDENTIFY AND QUANTIFY INDIVIDUAL COMPONENTS IN A SAMPLE				
Status	Granted				
Division	Technology				
Assignee	Metabolon, Inc.				
Agent and Reference	Wornble Carlyle Sandridge & Rice Attorney Docket 362153 Expiration Date 12-Nov-2027				

0004US1	United States of America	US1	PCT 11/901,523 17-Sep-2007	US-2008-0161228-A1 03-Jul-2008	MCE US 8,849,577 30-Sep-2014
Title	METHODS OF IDENTIFYING BIOCHEMICAL PATHWAYS				
Status	Granted				
Division	Technology				
Assignee	Metabolon, Inc.				
Agent and Reference	McCarter & English Attorney Docket 117729-03802 Expiration Date 06-Apr-2030				

TRADEMARK

REEL: 008386 FRAME: 0096



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0006CIP United States of America	US1	CIP 12/245,862 06-Oct-2008	2009-0093971 09-Apr-2009	WCS US 7,949,475 24-May-2011
Title SYSTEM AND METHOD FOR ANALYZING METABOLOMIC DATA	Granted	Attorney Docket 362551	Expiration Date	26-Jun-2027
Status Granted				
Division Technology				
Assignee Metabolon, Inc.				
Agent and Reference Wornble Carlyle Sandridge & Rice		63772.0002.9		
0006CIP United States of America	US2	DIV 13/084,999 12-Apr-2011	US/2011/0307180-A1 15-Dec-2011	WCS US 8,175,816 08-May-2012
Title SYSTEM AND METHOD FOR ANALYZING METABOLOMIC DATA	Granted	Attorney Docket 362551	Expiration Date	07-Aug-2026
Status Granted				
Division Technology				
Assignee Metabolon, Inc.				
Agent and Reference Wornble Carlyle Sandridge & Rice		63772.0013.4		
0009PAT United States of America	29	ORD 10/300,360 20-Nov-2002	2004-0019435A1 29-Jan-2004	BGL US 6,873,914 29-Mar-2005
Title METHODS AND SYSTEMS FOR ANALYZING COMPLEX BIOLOGICAL SYSTEMS	Granted	Attorney Docket 13778-29	Expiration Date	07-Dec-2022
Status Granted				
Division Technology				
Assignee Metabolon, Inc.				
Agent and Reference Brinks Gilson & Lione		481/3 UTIL		
0023US1 United States of America	US1	ORD 11/016,612 17-Dec-2004	US 2005-0143931 A1 30-Jun-2005	JWT US 8,428,881 23-Apr-2013
Title NON-TARGETED PROCESSING OF HYPHENATED CHROMATOGRAPHIC DATA	Granted	Attorney Docket 1688/2	Expiration Date	19-Oct-2029
Status Granted				
Division Technology				
Assignee Metabolon, Inc.				
Agent and Reference Jenkins Wilson Taylor & Hunt		1688-2		



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0024US1	UPUB	ORD 11/133,953 20-May-2005		JWT	US 8,131,473 06-Mar-2012
Title	Granted	DATA ANALYSIS METHODS FOR LOCATING ENTITIES OF INTEREST WITHIN LARGE MULTIVARIABLE DATASETS			
Status	Granted				
Division	Technology				
Assignee	Metabolon, Inc.	Attorney Docket 1688/3			
Agent and Reference	Jenkins Wilson Taylor & Hunt	Expiration Date 23-Nov-2028			
0025US1	US1	ORD 11/192,804 29-Jul-2005	US 2006-0031210 A1 09-Feb-2006	JWT	US 8,594,942 26-Nov-2013
Title	Granted	COMPUTATIONAL METHOD AND SYSTEM FOR IDENTIFYING NETWORK PATTERNS IN COMPLEX BIOLOGICAL SYSTEMS DATA			
Status	Granted				
Division	Technology				
Assignee	Metabolon, Inc.	Attorney Docket 1688/4			
Agent and Reference	Jenkins Wilson Taylor & Hunt	Expiration Date 20-Feb-2030			
0026PCT	Canada	26CA	PCT CA 2,712,455 15-Jan-2009	JWT	CA 2,712,455 29-Jan-2019
Title	Granted	SYSTEMS, METHODS, AND COMPUTER-READABLE MEDIUM FOR DETERMINING COMPOSITION OF CHEMICAL CONSTITUENTS IN A COMPLEX MIXTURE			
Status	Granted				
Division	Technology				
Assignee	Metabolon, Inc.	Attorney Docket 1688/7 PCT			
Agent and Reference	Jenkins Wilson Taylor & Hunt	Expiration Date 15-Jan-2029			
0026PCT	China (People's Republic)	26CN	PCT CN 200680109140.X 01-Aug-2010	JWT	ZL200680109140.X 25-Jun-2014
Title	Granted	SYSTEMS, METHODS, AND COMPUTER-READABLE MEDIUM FOR DETERMINING COMPOSITION OF CHEMICAL CONSTITUENTS IN A COMPLEX MIXTURE			
Status	Granted				
Division	Technology				
Assignee	Metabolon, Inc.	Attorney Docket 1688/7 PCT			
Agent and Reference	Jenkins Wilson Taylor & Hunt	Expiration Date 15-Jan-2029			



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0026PCT	Japan	26JP			
		PCT			
		JP 2010-543261	JP 2011510300	JWT	JP 5,512,546
		15-Jul-2010	08-Mar-2012		04-Apr-2014
Title		SYSTEMS, METHODS, AND COMPUTER-READABLE MEDIUM FOR DETERMINING COMPOSITION OF CHEMICAL CONSTITUENTS IN A COMPLEX MIXTURE			
Status	Granted				Expiration Date
Division	Technology	Attorney Docket		1688/7 PCT	15-Jan-2029
Assignee	Metabolon, Inc.				
Agent and Reference	Jenkins Wilson Taylor & Hunt	1688/7 PCT/JP			
0026US1	United States of America	US1			
		PCT			
		12/327,758	US 2009-0179147 A1	JWT	US 7,884,318
		03-Dec-2008	16-Jul-2009		08-Feb-2011
Title		SYSTEMS, METHODS, AND COMPUTER-READABLE MEDIUM FOR DETERMINING COMPOSITION OF CHEMICAL CONSTITUENTS IN A COMPLEX MIXTURE			
Status	Granted				Expiration Date
Division	Technology	Attorney Docket		1688/7/3	18-Jul-2029
Assignee	Metabolon, Inc.				
Agent and Reference	Jenkins Wilson Taylor & Hunt				
0027	European Patent Convention	16.9			
		PCT			
		EP 10774032.6	EP 2,486,504	WCS	EP 2,486,504
		30-Apr-2012	15-Aug-2012		13-May-2020
Title		APPARATUS AND ASSOCIATED METHOD FOR ANALYZING SMALL MOLECULE COMPONENTS IN A COMPLEX MIXTURE			
Status	Granted				Expiration Date
Division	Technology	Attorney Docket		NA	01-Oct-2030
Assignee	Metabolon, Inc.				
Agent and Reference	Wornble Carlyle Sandridge & Rice	63772.0012.6			
0027	Germany	16.9			
		EPP			
		EP 10774032.6	EP 2,486,504	WCS	EP 2,486,504
		30-Apr-2012	15-Aug-2012		13-May-2020
Title		APPARATUS AND ASSOCIATED METHOD FOR ANALYZING SMALL MOLECULE COMPONENTS IN A COMPLEX MIXTURE			
Status	Granted				Expiration Date
Division	Technology	Attorney Docket		NA	01-Oct-2030
Assignee	Metabolon, Inc.				
Agent and Reference	Wornble Carlyle Sandridge & Rice	63772.0012.6			



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0027	Ireland	16.9			
	EPP	EP 10774032.6	EP 2,486,504	WCS	EP 2,486,504
		30-Apr-2012	15-Aug-2012		13-May-2020
Title	Granted	APPARATUS AND ASSOCIATED METHOD FOR ANALYZING SMALL MOLECULE COMPONENTS IN A COMPLEX MIXTURE			
Status	Granted		Expiration Date		01-Oct-2030
Division	Technology	Attorney Docket	NA		
Assignee	Metabolon, Inc.				
Agent and Reference	Wornble Carlyle Sandridge & Rice	63772.0012.6			
0027	Japan	14.2			
	PCT	JP 2012-532349	JP 2013506843	WCS	JP 5,866,287
		28-Mar-2012	28-Feb-2013		08-Jan-2016
Title	Granted	APPARATUS AND ASSOCIATED METHOD FOR ANALYZING SMALL MOLECULE COMPONENTS IN A COMPLEX MIXTURE			
Status	Granted		Expiration Date		01-Oct-2030
Division	Technology	Attorney Docket	NA		
Assignee	Metabolon, Inc.				
Agent and Reference	Wornble Carlyle Sandridge & Rice	63772.0014.2			
0027	Switzerland	16.9			
	EPP	EP 10774032.6	EP 2,486,504	WCS	EP 2,486,504
		30-Apr-2012	15-Aug-2012		13-May-2020
Title	Granted	APPARATUS AND ASSOCIATED METHOD FOR ANALYZING SMALL MOLECULE COMPONENTS IN A COMPLEX MIXTURE			
Status	Granted		Expiration Date		01-Oct-2030
Division	Technology	Attorney Docket	NA		
Assignee	Metabolon, Inc.				
Agent and Reference	Wornble Carlyle Sandridge & Rice	63772.0012.6			
0027	United Kingdom	16.9			
	EPP	EP 10774032.6	EP 2,486,504	WCS	EP 2,486,504
		30-Apr-2012	15-Aug-2012		13-May-2020
Title	Granted	APPARATUS AND ASSOCIATED METHOD FOR ANALYZING SMALL MOLECULE COMPONENTS IN A COMPLEX MIXTURE			
Status	Granted		Expiration Date		01-Oct-2030
Division	Technology	Attorney Docket	NA		
Assignee	Metabolon, Inc.				
Agent and Reference	Wornble Carlyle Sandridge & Rice	63772.0012.6			



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0027	United States of America	17.7		
		PCT		WCS
		13/431,126	US2012/0239306	US 9,189,595
		27-Mar-2012	20-Sep-2012	17-Nov-2015
Title	APPARATUS AND ASSOCIATED METHOD FOR ANALYZING SMALL MOLECULE COMPONENTS IN A COMPLEX MIXTURE			
Status	Granted		Expiration Date	27-Sep-2032
Division	Technology	Attorney Docket	NA	
Assignee	Metabolon, Inc.			
Agent and Reference	Wornble Carlye Sandridge & Rice	63772.0012.6		
0030	United States of America	111		
		PCT		BGL
		13/698,116	US 2013/0115649A1	US 8,980,548
		15-Nov-2012	09-May-2013	17-Mar-2015
Title	METHODS AND REAGENTS FOR METABOLOMICS AND HISTOLOGY IN A BIOLOGICAL SAMPLE AND A KIT FOR THE SAME		Expiration Date	31-Jul-2031
Status	Granted			
Division	Technology	Attorney Docket		
Assignee	Metabolon, Inc.			
Agent and Reference	Brinks Gilson & Lione	481/16 UTIL		
0034	European Patent Convention	139		
		PCT		BGL
		EP 12807813.6	EP 2,726,636	EP2,726,636
		31-Jan-2014	07-May-2014	03-Jan-2018
Title	IDENTITY ELUCIDATION OF UNKNOWN METABOLITES		Expiration Date	21-Jun-2032
Status	Granted			
Division	Technology	Attorney Docket	13778-72	
Assignee	Metabolon, Inc.			
Agent and Reference	Brinks Gilson & Lione	481/17 EP		
0034	France	257		
		EPP		BGL
		EP 12807813.6	EP 2,726,636	EP2,726,636
		31-Jan-2014	07-May-2014	03-Jan-2018
Title	IDENTITY ELUCIDATION OF UNKNOWN METABOLITES		Expiration Date	21-Jun-2033
Status	Granted			
Division	Technology	Attorney Docket	13778-72	
Assignee	Metabolon, Inc.			
Agent and Reference	Brinks Gilson & Lione	481/17 FR		

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0034	Germany	259	EPP	EP 12807813.6	31-Jan-2014	EP 2,726,636	07-May-2014	BGL	EP2,726,636	03-Jan-2018
			Granted	IDENTITY ELUCIDATION OF UNKNOWN METABOLITES						
			Technology							
			Attorney Docket	13778-72						
			Expiration Date	21-Jun-2033						
			Assignee	Metabolon, Inc.						
			Agent and Reference	Brinks Gilson & Lione						

0034	Switzerland	260	EPP	EP 12807813.6	31-Jan-2014	EP 2,726,636	07-May-2014	BGL	EP2,726,636	03-Jan-2018
			Granted	IDENTITY ELUCIDATION OF UNKNOWN METABOLITES						
			Technology							
			Attorney Docket	13778-72						
			Expiration Date	21-Jun-2033						
			Assignee	Metabolon, Inc.						
			Agent and Reference	Brinks Gilson & Lione						

0034	United Kingdom	258	EPP	EP 12807813.6	31-Jan-2014	EP 2,726,636	07-May-2014	BGL	EP2,726,636	03-Jan-2018
			Granted	IDENTITY ELUCIDATION OF UNKNOWN METABOLITES						
			Technology							
			Attorney Docket	13778-72						
			Expiration Date	21-Jun-2033						
			Assignee	Metabolon, Inc.						
			Agent and Reference	Brinks Gilson & Lione						

0034	United States of America	140	PCT	14/128,107	20-Dec-2013	US2014-0212872	31-Jul-2014	BGL	US 9,109,252	18-Aug-2015
			Granted	IDENTITY ELUCIDATION OF UNKNOWN METABOLITES						
			Technology							
			Attorney Docket	13778-72						
			Expiration Date	21-Jun-2032						
			Assignee	Metabolon, Inc.						
			Agent and Reference	Brinks Gilson & Lione						



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0039 United States of America	25.8	CIP 14/856,184 16-Sep-2015	US20160019335 21-Jan-2016	WCS	US 10,573,406 25-Feb-2020
Title	Granted	METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR ASSOCIATING VISUAL INDICIA WITH A METABOLOMICS ANALYSIS		Expiration Date	26-Jul-2034
Status	Granted			Attorney Docket	63772.0019.3
Division	Technology			Metabolon, Inc.	
Assignee	Metabolon, Inc.			Wormble Carlyle Sandridge & Rice	
Agent and Reference	Wormble Carlyle Sandridge & Rice				
0050 United States of America	5004	PCT 15/288,917 07-Oct-2016	US 2017-0089872 30-Mar-2017	MCE	US 10,267,777 23-Apr-2019
Title	Granted	SMALL MOLECULE BIOCHEMICAL PROFILING OF INDIVIDUAL SUBJECTS FOR DISEASE DIAGNOSIS AND HEALTH ASSESSMENT		Expiration Date	08-Apr-2035
Status	Granted			Attorney Docket	5001
Division	Technology			Metabolon, Inc.	
Assignee	Metabolon, Inc.			McCarter & English	117729-05004
Agent and Reference	McCarter & English				
0051 Japan	28.2	PCT JP 2016-569423 24-Nov-2016	WCS	JP 6,538,083 14-Jun-2019	
Title	Granted	METHOD FOR ANALYZING SMALL MOLECULE COMPONENTS OF A COMPLEX MIXTURE IN A MULTI-SAMPLE PROCESS, AND ASSOCIATED APPARATUS AND COMPUTER PROGRAM PRC		Expiration Date	28-May-2035
Status	Granted			Attorney Docket	0028.2
Division	Technology			Metabolon, Inc.	
Assignee	Metabolon, Inc.			Wormble Carlyle Sandridge & Rice	
Agent and Reference	Wormble Carlyle Sandridge & Rice				
0051 United States of America	27.4	PCT 15/315,147 30-Nov-2016	US 2017/0117122 27-Apr-2017	WCS	US 9,892,895 13-Feb-2018
Title	Granted	METHOD FOR ANALYZING SMALL MOLECULE COMPONENTS OF A COMPLEX MIXTURE IN A MULTI-SAMPLE PROCESS, AND ASSOCIATED APPARATUS AND COMPUTER PROGRAM PRC		Expiration Date	28-May-2035
Status	Granted			Attorney Docket	0027.4
Division	Technology			Metabolon, Inc.	
Assignee	Metabolon, Inc.			Wormble Carlyle Sandridge & Rice	
Agent and Reference	Wormble Carlyle Sandridge & Rice				



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0052 Australia	PCT	AU 2015296304 30-Jan-2017	AU 2015296304 02-Feb-2017	NK AU 2015296304 12-Dec-2019
				30-Jul-2035
Title METHODS AND COMPOSITIONS FOR ANALYSIS OF STRUCTURALLY DIVERSE COMPLEX LIPIDS				
Status Granted				
Division Technology				
Assignee Metabolon, Inc.				
Agent and Reference NKLaw, PLLC				
Attorney Docket 481/2AU				

TRADEMARK

REEL: 008386 FRAME: 0104

Selection Criteria

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Record Count: 190

Sort:

Include:

Case Status:

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Division:

Agent:

Area:

Inventor:

Assignee:

Attorney:

Country:

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Status Codes:

by Division then Matter Number

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Inventors:

Attorney:

Assignee:

Agent:



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Case Type Application Number, Date Publication Number, Date Attorneys
Patent Number, Date

0005PCT	Brazil	60	PCT PI0815095-8 17-Jul-2008	09-May-2017	BGL
Title	BIOMARKERS FOR PRE-DIABETES, CARDIOVASCULAR DISEASES, AND OTHER METABOLIC-SYNDROME RELATED DISORDERS AND METHODS USING THE SAME				
Status	Published				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC				
0005PCT	Mexico	221	DIV MX/a/2016/009020 08-Jul-2016		BGL
Title	BIOMARKERS FOR PRE-DIABETES, CARDIOVASCULAR DISEASES, AND OTHER METABOLIC-SYNDROME RELATED DISORDERS AND METHODS USING THE SAME				
Status	Pending				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC				

0016PCT	Brazil	85	PCT BR P/1013387-09 20-Sep-2011	BR P/1013387-9 16-Apr-2019	BGL
Title	BIOMARKERS FOR INSULIN RESISTANCE-RELATED DISORDERS AND METHODS USING THE SAME (mFOCUS IR)				
Status	Published				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC				

0040	European Patent Convention	245	DIV EP17209399.9 21-Dec-2017	EP 3321686 16-May-2018	BGL
Title	BIOMARKERS OF INSULIN RESISTANCE PROGRESSION AND USES THEREOF				
Status	Published				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC				

0040	European Patent Convention	245	DIV EP17209399.9 21-Dec-2017	EP 3321686 16-May-2018	BGL
Title	BIOMARKERS OF INSULIN RESISTANCE PROGRESSION AND USES THEREOF				
Status	Published				
Division	Biomarkers				
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC				



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys Patent Number, Date
0041	Australia	199		NK, BGL
		PCT		
		AU 2014265669		
		07-Dec-2015		
Title	BIOMARKERS RELATED TO KIDNEY FUNCTION AND METHODS USING THE SAME			
Status	Allowed			
Division	Biomarkers			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC			
0041	Brazil	200		NK, BGL
		PCT		
		BR 112015028253-9		
		10-Nov-2015		
			BR 112015028253-9	
			25-Jul-2017	
Title	BIOMARKERS RELATED TO KIDNEY FUNCTION AND METHODS USING THE SAME			
Status	Published			
Division	Biomarkers			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC			
0041	Canada	201		NK, BGL
		PCT		
		CA 2,911,204		
		02-Nov-2015		
			CA 2911204	
			20-Nov-2014	
Title	BIOMARKERS RELATED TO KIDNEY FUNCTION AND METHODS USING THE SAME			
Status	Published			
Division	Biomarkers			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC			
0041	China (People's Republic)	20-2CN		NK, BGL
		DIV		
		CN 201910484069.9		
		05-Jun-2019		
			CN 110196335 A	
			03-Sep-2019	
Title	BIOMARKERS RELATED TO KIDNEY FUNCTION AND METHODS USING THE SAME			
Status	Published			
Division	Biomarkers			
Assignee	Metabolon, Inc.			
Agent and Reference	Brinks Gilson & Liore			



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Application Number, Date

Publication Number, Date

Patent Number, Date

Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Patent Number, Date	Attorneys
0041	European Patent Convention	20-3EP			
		DIV			
		EP 19176215.2	EP 3546940		NK, BGL
		23-May-2019	02-Oct-2019		
Title		BIOMARKERS RELATED TO KIDNEY FUNCTION AND METHODS USING THE SAME			
Status	Published				
Division	Biomarkers	Attorney Docket			
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC	481/20/3 EP			
0041	Mexico	20MX			
		DIV			
		MX/a/2019/005748			NK, BGL
		16-May-2019			
Title		BIOMARKERS RELATED TO KIDNEY FUNCTION AND METHODS USING THE SAME			
Status	Pending				
Division	Biomarkers	Attorney Docket			
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC	481/20/2 MX			
0041	United States of America	20-2UTIL			
		CON			
		16/700,098	US 20200103417		NK, BGL
		02-Dec-2019	02-Apr-2020		
Title		BIOMARKERS RELATED TO KIDNEY FUNCTION AND METHODS USING THE SAME			
Status	Published				
Division	Biomarkers	Attorney Docket			
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC	481/20-2 UTIL			
0045	United States of America	6-2UTIL			
		DIV			
		16/532,801	US20200116743		BGL, MOR, MGB
		06-Aug-2019	16-Apr-2020		
Title		A METHOD OF ASSESSING LIVER TRIGLYCERIDE LEVELS USING A BODY FLUID SAMPLE			
Status	Published				
Division	Biomarkers	Attorney Docket			
Assignee	Metabolon, Inc.				
Agent and Reference	NKLaw, PLLC	481/6/2 UTIL			



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Matter Number, Country, Sub Case

Case Type

Attorneys

Application Number, Date

Publication Number, Date

Patent Number, Date

Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Patent Number, Date	Attorneys
0048 Canada	217	PCT CA 2,933,571 10-Jun-2016	CA 2933571 25-Jun-2015	BGL	
Title		BIOMARKERS OF DE NOVO LIPOGENESIS AND METHODS USING THE SAME			
Status		Published			Expiration Date
Division		Biomarkers			
Assignee		Metabolon, Inc.			
Agent and Reference		NKLaw, PLLC			
0048 Hong Kong	218	REP HK 16113151.0 16-Nov-2016	HK 1224920 01-Sep-2017	BGL	
Title		BIOMARKERS OF DE NOVO LIPOGENESIS AND METHODS USING THE SAME			
Status		Allowed			Expiration Date
Division		Biomarkers			
Assignee		Metabolon, Inc.			
Agent and Reference		NKLaw, PLLC			
0048 Mexico	219	PCT MX/a/2016/008045 17-Jun-2016		BGL	
Title		BIOMARKERS OF DE NOVO LIPOGENESIS AND METHODS USING THE SAME			
Status		Allowed			Expiration Date
Division		Biomarkers			
Assignee		Metabolon, Inc.			
Agent and Reference		NKLaw, PLLC			
0057 European Patent Convention	232	PCT 15860608.7 16-May-2017	EP 3,221,463 27-Sep-2017	BGL	
Title		BIOMARKERS FOR FATTY LIVER DISEASE AND METHODS OF USING THE SAME			
Status		Published			Expiration Date
Division		Biomarkers			
Assignee		Metabolon, Inc.			
Agent and Reference		NKLaw, PLLC			

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REEL: 008386 FRAME: 0109



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys Patent Number, Date
0059 Japan	PCT	JP 2018-543033 02-May-2018		NK
			Expiration Date	
Title		AUTOMATED SAMPLE QUALITY ASSESSMENT		
Status		Pending		
Division		Biomarkers		
Assignee		Metabolon, Inc.		
Agent and Reference		NKLaw, PLLC		
0059 United States of America	PCT	15/772,834 02-May-2018	US 2018/0321267 A1 08-Nov-2018	NK
			Expiration Date	
Title		AUTOMATED SAMPLE QUALITY ASSESSMENT		
Status		Published		
Division		Biomarkers		
Assignee		Metabolon, Inc.		
Agent and Reference		NKLaw, PLLC		



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0049	United States of America	4004			
	CON	18/601,198	US 2020/0110069	MCE	
		14-Oct-2019	09-Apr-2020		
Title		DIAGNOSTIC METHODS, THERAPEUTIC AGENTS AND USES THEREOF (X-12063)			
Status		Published			
Division		Targeted Assays			
Assignee		Metabolon, Inc.			
Agent and Reference		McCarter & English			
0061	Canada	237			
	PCT	CA 3,026,049	CA 3026049	NK, BGL	
		28-Nov-2018	07-Dec-2017		
Title		MASS SPECTROMETRY METHOD FOR DETECTION AND QUANTITATION OF METABOLITES (R/I/GT)			
Status		Published			
Division		Targeted Assays			
Assignee		Metabolon, Inc.			
Agent and Reference		NKLaw, PLLC			
0061	China (People's Republic)	237			
	PCT	CN 201780047345.4	CN 109564207	NK, BGL	
		30-Jan-2019	02-Apr-2019		
Title		MASS SPECTROMETRY METHOD FOR DETECTION AND QUANTITATION OF METABOLITES (R/I/GT)			
Status		Published			
Division		Targeted Assays			
Assignee		Metabolon, Inc.			
Agent and Reference		NKLaw, PLLC			
0061	European Patent Convention	237			
	PCT	EP 17807278.1	EP 3465202	NK, BGL	
		21-Dec-2018	10-Apr-2019		
Title		MASS SPECTROMETRY METHOD FOR DETECTION AND QUANTITATION OF METABOLITES (R/I/GT)			
Status		Published			
Division		Targeted Assays			
Assignee		Metabolon, Inc.			
Agent and Reference		NKLaw, PLLC			



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0061 Mexico	PCT	237 MX/a/2018/014867 30-Nov-2018			NK, BGL
Title		MASS SPECTROMETRY METHOD FOR DETECTION AND QUANTITATION OF METABOLITES (R/R/GT)			
Status		Pending			
Division		Targeted Assays			
Assignee		Metabolon, Inc.			
Agent and Reference		NKLaw, PLLC			
0061 United States of America	PCT	237 16/305,078 28-Nov-2018	US 20200166519 28-May-2020		NK, BGL
Title		MASS SPECTROMETRY METHOD FOR DETECTION AND QUANTITATION OF METABOLITES (R/R/GT)			
Status		Published			
Division		Targeted Assays			
Assignee		Metabolon, Inc.			
Agent and Reference		NKLaw, PLLC			
0062 Australia	PCT	5124 AU2017301949 15-Jan-2019			MCE
Title		COMPOUNDS, REAGENTS, AND USES THEREOF (TMAP)			
Status		Pending			
Division		Targeted Assays			
Assignee		Metabolon, Inc.			
Agent and Reference		McCarter & English			
0062 Canada	PCT	5126 CA 3032116 25-Jan-2019	CA 3032116 01-Feb-2018		MCE
Title		COMPOUNDS, REAGENTS, AND USES THEREOF (TMAP)			
Status		Published			
Division		Targeted Assays			
Assignee		Metabolon, Inc.			
Agent and Reference		McCarter & English			

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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0062	China (People's Republic)	5128			
	PCT	CN201780046847.5	CN 109563127		
		28-Jan-2019	02-Apr-2019		
Title	COMPOUNDS, REAGENTS, AND USES THEREOF (TMAP)				
Status	Published				
Division	Targeted Assays				
Assignee	Metabolon, Inc.				
Agent and Reference	McCarter & English				
0062	European Patent Convention	5135			
	PCT	EP 17751177.1	EP 3491004		
		20-Feb-2019	05-Jun-2019		
Title	DIAGNOSTIC METHODS, THERAPEUTIC AGENTS AND USES THEREOF (TMAP)				
Status	Published				
Division	Targeted Assays				
Assignee	Metabolon, Inc.				
Agent and Reference	McCarter & English				
0062	Japan	5143			
	PCT	JP 2019-503956	JP 2019-531261		
		28-Jan-2019	31-Oct-2019		
Title	COMPOUNDS, REAGENTS, AND USES THEREOF (TMAP)				
Status	Published				
Division	Targeted Assays				
Assignee	Metabolon, Inc.				
Agent and Reference	McCarter & English				
0062	United States of America	5102			
	PCT	16/321,135	US 2019-0152907		
		28-Jan-2019	23-May-2019		
Title	DIAGNOSTIC METHODS, THERAPEUTIC AGENTS AND USES THEREOF (TMAP)				
Status	Published				
Division	Targeted Assays				
Assignee	Metabolon, Inc.				
Agent and Reference	McCarter & English				



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys
0065	Australia	31AU		Patent Number, Date
		PCT		
		AU 2017382744		
		24-May-2019		
Title	MASS SPECTROMETRY ASSAY METHOD FOR DETECTION AND QUANTITATION OF KIDNEY FUNCTION METABOLITES			
Status	Pending			
Division	Targeted Assays			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLAW, PLLC			
0065	Canada	31CA		BGL
		PCT		
		CA 3,045,022		
		24-May-2019		
Title	MASS SPECTROMETRY ASSAY METHOD FOR DETECTION AND QUANTITATION OF KIDNEY FUNCTION METABOLITES			
Status	Published			
Division	Targeted Assays			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLAW, PLLC			
0065	China (People's Republic)	31CN		BGL
		PCT		
		CN 201780078615.8		
		19-Jun-2019		
Title	MASS SPECTROMETRY ASSAY METHOD FOR DETECTION AND QUANTITATION OF KIDNEY FUNCTION METABOLITES			
Status	Published			
Division	Targeted Assays			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLAW, PLLC			
0065	European Patent Convention	31EP		BGL
		PCT		
		EP 17885159.8		
		11-Jul-2019		
Title	MASS SPECTROMETRY ASSAY METHOD FOR DETECTION AND QUANTITATION OF KIDNEY FUNCTION METABOLITES			
Status	Published			
Division	Targeted Assays			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLAW, PLLC			



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys
0065	Hong Kong	31HK		
		REP HK 62020003741.9 04-Mar-2020		
Title	MASS SPECTROMETRY ASSAY METHOD FOR DETECTION AND QUANTITATION OF KIDNEY FUNCTION METABOLITES			
Status	Pending			
Division	Targeted Assays			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC 481/31 HK			
0065	Japan	31JP		
		PCT JP 2019-553158 18-Jun-2019		
Title	MASS SPECTROMETRY ASSAY METHOD FOR DETECTION AND QUANTITATION OF KIDNEY FUNCTION METABOLITES			
Status	Pending			
Division	Targeted Assays			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC 481/31 JP			
0065	United States of America	31UTIL		
		PCT 16/466,451 04-Jun-2019	US 20190346455 14-Nov-2019	
Title	MASS SPECTROMETRY ASSAY METHOD FOR DETECTION AND QUANTITATION OF KIDNEY FUNCTION METABOLITES			
Status	Published			
Division	Targeted Assays			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC 481/31 UTIL			
0067	Australia	25AU		
		PCT AU 2018254394 08-Oct-2019		
Title	MASS SPECTROMETRY ASSAY METHOD FOR DETECTION AND QUANTITATION OF ORGANIC ACID METABOLITES			
Status	Pending			
Division	Targeted Assays			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC 481/25 AU			



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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0067	Canada	25CA			
		PCT			
		CA 3,058,670	CA 3058670		
		30-Sep-2019	25-Oct-2018		
Title	MASS SPECTROMETRY ASSAY METHOD FOR DETECTION AND QUANTITATION OF ORGANIC ACID METABOLITES				
Status	Published				
Division	Targeted Assays				
Assignee	Metabolon, Inc.				
Agent and Reference	NKLAW, PLLC				
481/25 CA	Attorney Docket				
481/25 CA	Expiration Date				
0067	China (People's Republic)	25CN			
		PCT			
		201880025818.5	CN 110573478		
		18-Oct-2019	13-Dec-2019		
Title	MASS SPECTROMETRY ASSAY METHOD FOR DETECTION AND QUANTITATION OF ORGANIC ACID METABOLITES				
Status	Published				
Division	Targeted Assays				
Assignee	Metabolon, Inc.				
Agent and Reference	NKLAW, PLLC				
481/25 CN	Attorney Docket				
481/25 CN	Expiration Date				
0067	European Patent Convention	25EP			
		PCT			
		EP 18788060.4	EP 3612509		
		01-Nov-2019	26-Feb-2020		
Title	MASS SPECTROMETRY ASSAY METHOD FOR DETECTION AND QUANTITATION OF ORGANIC ACID METABOLITES				
Status	Published				
Division	Targeted Assays				
Assignee	Metabolon, Inc.				
Agent and Reference	NKLAW, PLLC				
481/25 EP	Attorney Docket				
481/25 EP	Expiration Date				
0067	Japan	25JP			
		PCT			
		JP 2019-556943			
		18-Oct-2019			
Title	MASS SPECTROMETRY ASSAY METHOD FOR DETECTION AND QUANTITATION OF ORGANIC ACID METABOLITES				
Status	Pending				
Division	Targeted Assays				
Assignee	Metabolon, Inc.				
Agent and Reference	NKLAW, PLLC				
481/25JP	Attorney Docket				
481/25JP	Expiration Date				

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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys Patent Number, Date
0067	United States of America	25UTIL		BGL
		PCT		
		18/604,357	US 20200158702	
		10-Oct-2019	21-May-2020	
Title		MASS SPECTROMETRY ASSAY METHOD FOR DETECTION AND QUANTITATION OF ORGANIC ACID METABOLITES		
Status	Published			Expiration Date
Division	Targeted Assays			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC	481/25 UTIL		
0068	Australia	24AU		BGL
		PCT		
		AU 2018243899		
		06-Sep-2019		
Title		COMPREHENSIVE AND QUANTITATIVE LIPID AND TOCOPHEROL ANALYSIS		
Status	Pending			Expiration Date
Division	Targeted Assays			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC	481/24 AU		
0068	Canada	24CA		BGL
		PCT		
		CA 3,056,254	CA 3056254	
		11-Sep-2019	04-Oct-2018	
Title		COMPREHENSIVE AND QUANTITATIVE LIPID AND TOCOPHEROL ANALYSIS		
Status	Published			Expiration Date
Division	Targeted Assays			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC	481/24 CA		
0068	China (People's Republic)	24CN		BGL
		PCT		
		CN 201880021309.5	CN 110494954 A	
		26-Sep-2019	22-Nov-2019	
Title		COMPREHENSIVE AND QUANTITATIVE LIPID AND TOCOPHEROL ANALYSIS		
Status	Published			Expiration Date
Division	Targeted Assays			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC	481/24 CN		

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Patent Number, Date

Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys
0068	European Patent Convention	24EP		BGL
		PCT		
		EP 18777647.1	EP 3602605	
		18-Sep-2019	05-Feb-2020	
Title	COMPREHENSIVE AND QUANTITATIVE LIPID AND TOCOPHEROL ANALYSIS			
Status	Published			
Division	Targeted Assays			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC			
0068	Japan	24JP		BGL
		PCT		
		JP 2019-553367		
		27-Sep-2019		
Title	COMPREHENSIVE AND QUANTITATIVE LIPID AND TOCOPHEROL ANALYSIS			
Status	Pending			
Division	Targeted Assays			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC			
0068	United States of America	24UTIL		BGL
		PCT		
		16/491,471	US 20200033360	
		05-Sep-2019	30-Jan-2020	
Title	COMPREHENSIVE AND QUANTITATIVE LIPID AND TOCOPHEROL ANALYSIS			
Status	Published			
Division	Targeted Assays			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC			
0069	Australia	5224		MCE
		PCT		
		AU2018341599		
		20-Mar-2020		
Title	COMPOUNDS, REAGENTS, AND USES THEREOF (DMTPA)			
Status	Pending			
Division	Targeted Assays			
Assignee	Metabolon, Inc.			
Agent and Reference	McCarter & English			

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Case Type

Application Number, Date

Publication Number, Date

Attorneys
Patent Number, Date

0069	Canada	5226	PCT CA 3,077,029 25-Mar-2020	CA 3,077,029 04-Apr-2019	MCE
Title COMPOUNDS, REAGENTS, AND USES THEREOF (DMTPA)					
Status Published					
Division Targeted Assays					
Assignee Metabolon, Inc.					
Agent and Reference McCarter & English 117729-05226					
0069	China (People's Republic)	5228	PCT Unassigned 26-May-2020		MCE
Title COMPOUNDS, REAGENTS, AND USES THEREOF (DMTPA)					
Status Pending					
Division Targeted Assays					
Assignee Metabolon, Inc.					
Agent and Reference McCarter & English 117729-05228					
0069	European Patent Convention	5235	PCT EP 18786608.2 23-Apr-2020		MCE
Title COMPOUNDS, REAGENTS, AND USES THEREOF (DMTPA)					
Status Pending					
Division Targeted Assays					
Assignee Metabolon, Inc.					
Agent and Reference McCarter & English 117729-05235					
0069	Japan	5243	PCT JP 2020-518089 27-Mar-2020		MCE
Title COMPOUNDS, REAGENTS, AND USES THEREOF (DMTPA)					
Status Pending					
Division Targeted Assays					
Assignee Metabolon, Inc.					
Agent and Reference McCarter & English 117729-05243					

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Case Type

Application Number, Date

Publication Number, Date

Attorneys
Patent Number, Date

0069 United States of America

5202

PCT
18/650,429
25-Mar-2020

MCE

Title COMPOUNDS, REAGENTS, AND USES THEREOF (DMTPA)

Status Pending

Division Targeted Assays

Assignee Metabolon, Inc.

Agent and Reference McCarter & English

Attorney Docket
117729-05202

Expiration Date

0076 Patent Cooperation Treaty

28PCT

ORD
PCT/US19/25109
01-Apr-2019

WO 2019/195128
10-Oct-2019

NK, BGL

Title MASS SPECTROMETRY ASSAY METHOD FOR DETECTION AND QUANTITATION OF LIVER FUNCTION METABOLITES

Status Published

Division Targeted Assays

Assignee Metabolon, Inc.

Agent and Reference NKLaw, PLLC

Attorney Docket
481/28 PCT

Expiration Date
04-Oct-2020

0077 Patent Cooperation Treaty

278PCT

ORD
PCT/US2019/49422
04-Sep-2019

WO 2020/055631
19-Mar-2020

NK

Title MASS SPECTROMETRY ASSAY METHOD FOR DETECTION AND QUANTITATION OF MICROBIOME METABOLITES

Status Published

Division Targeted Assays

Assignee Metabolon, Inc.

Agent and Reference NKLaw, PLLC

Attorney Docket
481/278 PCT

Expiration Date
11-Mar-2021

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0026PCT	European Patent Convention	26EP			
		PCT			
		EP 09702007.7	EP 2236523A		
		19-Jul-2010	06-Oct-2010		
Title	SYSTEMS, METHODS, AND COMPUTER-READABLE MEDIUM FOR DETERMINING COMPOSITION OF CHEMICAL CONSTITUENTS IN A COMPLEX MIXTURE				
Status	Allowed				
Division	Technology	Attorney Docket	1688/7 PCT	Expiration Date	
Assignee	Metabolon, Inc.				
Agent and Reference	Jenkins Wilson Taylor & Hunt	1688/7 PCT/EP			
0050	Australia	5024			
		PCT			
		AU 2015243857			
		08-Oct-2016			
Title	SMALL MOLECULE BIOCHEMICAL PROFILING OF INDIVIDUAL SUBJECTS FOR DISEASE DIAGNOSIS AND HEALTH ASSESSMENT				
Status	Pending	Attorney Docket	5001	Expiration Date	
Division	Technology				
Assignee	Metabolon, Inc.				
Agent and Reference	McCarter & English	117729-05024			
0050	Canada	5026			
		PCT			
		CA 2,945,165	CA 2945165		
		06-Oct-2016	15-Oct-2015		
Title	SMALL MOLECULE BIOCHEMICAL PROFILING OF INDIVIDUAL SUBJECTS FOR DISEASE DIAGNOSIS AND HEALTH ASSESSMENT				
Status	Published	Attorney Docket	5001	Expiration Date	
Division	Technology				
Assignee	Metabolon, Inc.				
Agent and Reference	McCarter & English	117729-05026			
0050	China (People's Republic)	5028			
		PCT			
		CN 201580030719.2	CN 106537145		
		08-Dec-2016	22-Mar-2017		
Title	SMALL MOLECULE BIOCHEMICAL PROFILING OF INDIVIDUAL SUBJECTS FOR DISEASE DIAGNOSIS AND HEALTH ASSESSMENT				
Status	Published	Attorney Docket	5001	Expiration Date	
Division	Technology				
Assignee	Metabolon, Inc.				
Agent and Reference	McCarter & English	117729-05028			



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Pending/Published Applications by Division Technology

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Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys	Patent Number, Date
0050	European Patent Convention	5035			
	PCT	EP 15721065.9	EP 3,129,909		
		18-Oct-2016	15-Feb-2017		
Title	SMALL MOLECULE BIOCHEMICAL PROFILING OF INDIVIDUAL SUBJECTS FOR DISEASE DIAGNOSIS AND HEALTH ASSESSMENT				
Status	Allowed				
Division	Technology				
Assignee	Metabolon, Inc.				
Agent and Reference	McCarter & English	117729-05035			
0050	Japan	5043			
	PCT	JP 2016-561615	JP 2017-516085		
		07-Oct-2016	15-Jun-2017		
Title	SMALL MOLECULE BIOCHEMICAL PROFILING OF INDIVIDUAL SUBJECTS FOR DISEASE DIAGNOSIS AND HEALTH ASSESSMENT				
Status	Published				
Division	Technology				
Assignee	Metabolon, Inc.				
Agent and Reference	McCarter & English	117729-05043			
0050	United States of America	5005			
	CON	16/286,259	US 2020-0025729		
		26-Feb-2019	23-Jan-2020		
Title	SMALL MOLECULE BIOCHEMICAL PROFILING OF INDIVIDUAL SUBJECTS FOR DISEASE DIAGNOSIS AND HEALTH ASSESSMENT				
Status	Published				
Division	Technology				
Assignee	Metabolon, Inc.				
Agent and Reference	McCarter & English	117729-05005			
0051	European Patent Convention	29.1			
	PCT	EP 15729638.5	EP 3,149,762		
		21-Dec-2016	05-Apr-2017		
Title	METHOD FOR ANALYZING SMALL MOLECULE COMPONENTS OF A COMPLEX MIXTURE IN A MULTI-SAMPLE PROCESS, AND ASSOCIATED APPARATUS AND COMPUTER PROGRAM PRC				
Status	Published				
Division	Technology				
Assignee	Metabolon, Inc.				
Agent and Reference	Wornble Carlyle Sandridge & Rice	0029.1			



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Wednesday, June 17, 2015
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Matter Number, Country, Sub Case

Case Type

Application Number, Date

Publication Number, Date

Attorneys

Patent Number, Date

0052	Canada	4812	PCT CA 2955204 13-Jan-2017	CA 2955204 04-Feb-2016	NK
Title: METHODS AND COMPOSITIONS FOR ANALYSIS OF STRUCTURALLY DIVERSE COMPLEX LIPIDS					
Status: Published					
Division: Technology					
Assignee: Metabolon, Inc.					
Agent and Reference: NKLaw, PLLC					

481/2 CA

Expiration Date

0052 China (People's Republic)

4812

PCT
CN 201580040519.5
25-Jan-2017

CN 107075539 A
18-Aug-2017

NK

Title: METHODS AND COMPOSITIONS FOR ANALYSIS OF STRUCTURALLY DIVERSE COMPLEX LIPIDS					
Status: Published					
Division: Technology					
Assignee: Metabolon, Inc.					
Agent and Reference: NKLaw, PLLC					

481/2 CN

Expiration Date

0052	European Patent Convention	4812	PCT EP 15827995.0 28-Feb-2017	EP 3,174,991 07-Jun-2017	NK
Title: METHODS AND COMPOSITIONS FOR ANALYSIS OF STRUCTURALLY DIVERSE COMPLEX LIPIDS					
Status: Published					
Division: Technology					
Assignee: Metabolon, Inc.					
Agent and Reference: NKLaw, PLLC					

481/2 EP

Expiration Date

0052	Japan	4812	PCT JP 2017-505546 30-Jan-2017		NK
Title: METHODS AND COMPOSITIONS FOR ANALYSIS OF STRUCTURALLY DIVERSE COMPLEX LIPIDS					
Status: Pending					
Division: Technology					
Assignee: Metabolon, Inc.					
Agent and Reference: NKLaw, PLLC					

Attorney Docket

Expiration Date



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Matter Number, Country, Sub Case

Case Type

Attorneys

Application Number, Date

Publication Number, Date

Patent Number, Date

Matter Number, Country, Sub Case	Case Type	Application Number, Date	Publication Number, Date	Attorneys
0052 United States of America	PCT	4812 15/251,579 30-Aug-2016	US 2017/0192023 06-Jul-2017	NK
Title				
Status	Published			
Division	Technology			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC	481/2 UTIL		
0072 Patent Cooperation Treaty	31.2	ORD PCT/IB2018/059982 13-Dec-2018	WO2019116288 20-Jun-2019	WCS
Title				
Status	Published			
Division	Technology			
Assignee	Metabolon, Inc.			
Agent and Reference	Wornle Carlye Sandridge & Rice	63772.0031.2		
0074 Australia	27AU	PCT AU 2018346946 11-Mar-2020		NK, BGL
Title				
Status	Pending			
Division	Technology			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC	481/27 AU		
0074 Canada	27CA	PCT Unassigned 26-Mar-2020		NK, BGL
Title				
Status	Pending			
Division	Technology			
Assignee	Metabolon, Inc.			
Agent and Reference	NKLaw, PLLC	481/27 CA		

TRADEMARK

REEL: 008386 FRAME: 0126



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Matter Number, Country, Sub Case

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Attorneys

Application Number, Date

Publication Number, Date

Patent Number, Date

0074 China (People's Republic)

27CN

PCT

Unassigned
08-Apr-2020

NK, BGL

Title A STREAMLINED METHOD FOR ANALYTICAL VALIDATION OF BIOCHEMICALS DETECTED USING AN UNTARGETED MASS SPECTROMETRY PLATFORM

Status Pending

Expiration Date

Division Technology

Attorney Docket

Assignee Metabolon, Inc.

Agent and Reference NKLaw, PLLC

481/27 CN

0074 European Patent Convention

27EP

PCT

EP 1886674.8
22-Apr-2020

NK, BGL

Title A STREAMLINED METHOD FOR ANALYTICAL VALIDATION OF BIOCHEMICALS DETECTED USING AN UNTARGETED MASS SPECTROMETRY PLATFORM

Status Pending

Expiration Date

Division Technology

Attorney Docket

Assignee Metabolon, Inc.

Agent and Reference NKLaw, PLLC

481/27 EP

0074 Japan

27JP

PCT

JP 2020-520283
09-Apr-2020

NK, BGL

Title A STREAMLINED METHOD FOR ANALYTICAL VALIDATION OF BIOCHEMICALS DETECTED USING AN UNTARGETED MASS SPECTROMETRY PLATFORM

Status Pending

Expiration Date

Division Technology

Attorney Docket

Assignee Metabolon, Inc.

Agent and Reference NKLaw, PLLC

481/27 JP

0074 United States of America

27UTIL

PCT

16/647,883
17-Mar-2020

NK, BGL

Title A STREAMLINED METHOD FOR ANALYTICAL VALIDATION OF BIOCHEMICALS DETECTED USING AN UNTARGETED MASS SPECTROMETRY PLATFORM

Status Pending

Expiration Date

Division Technology

Attorney Docket

Assignee Metabolon, Inc.

Agent and Reference NKLaw, PLLC

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REEL: 008386 FRAME: 0127



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Matter Number, Country, Sub Case

Case Type

Publication Number, Date

Attorneys

Patent Number, Date

0082 Patent Cooperation Treaty

281PCT

ORD
PCT/US20/31982
08-May-2020

Title MASS SPECTROMETRY ASSAY METHODS FOR DETECTION OF METABOLITES

Status Pending

Division Technology

Assignee Metabolon, Inc.

Agent and Reference NKLaw, PLLC

Attorney Docket

481/281/2 PROV

Expiration Date

30-Nov-2021

0082 United States of America

281/2

PRO
62/964,683
23-Jan-2020

Title MASS SPECTROMETRY ASSAY METHODS FOR DETECTION OF METABOLITES

Status Pending

Division Technology

Assignee Metabolon, Inc.

Agent and Reference NKLaw, PLLC

Attorney Docket

481/281/2 PROV

Expiration Date

23-Jan-2021

0082 United States of America

281PROV

PRO
62/855,004
31-May-2019

Title MASS SPECTROMETRY ASSAY METHODS FOR DETECTION OF METABOLITES

Status Pending

Division Technology

Assignee Metabolon, Inc.

Agent and Reference NKLaw, PLLC

Attorney Docket

481/281 PROV

Expiration Date

31-May-2020

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REEL: 008386 FRAME: 0128

Selection Criteria

Wednesday, June 17, 2020

Record Count: 88

Sort:

Include:

Case Status:

Filing Date:

Division:

Agent:

Area:

Inventor:

Assignee:

Attorney:

Country:

Case Type:

Status Codes:

by Division then Matter Number
Selection Criteria
Pending

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Inventors:

Attorney:

Assignee:

Agent:

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REEL: 008386 FRAME: 0129

RECORDED: 04/01/2024