

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM731303

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Barclays Bank PLC		05/27/2022	Public Limited Company: UNITED KINGDOM

RECEIVING PARTY DATA

Name:	ORTHO-CLINICAL DIAGNOSTICS, INC.
Street Address:	1001 US Route 202
City:	Raritan
State/Country:	NEW JERSEY
Postal Code:	08869
Entity Type:	Corporation: NEW YORK
Name:	CRIMSON U.S. ASSETS LLC
Street Address:	1001 US Route 202
City:	Raritan
State/Country:	NEW JERSEY
Postal Code:	08869
Entity Type:	Limited Liability Company: DELAWARE
Name:	CRIMSON INTERNATIONAL ASSETS LLC
Street Address:	1001 US Route 202
City:	Raritan
State/Country:	NEW JERSEY
Postal Code:	08869
Entity Type:	Limited Liability Company: DELAWARE

PROPERTY NUMBERS Total: 44

Property Type	Number	Word Mark
Registration Number:	793551	AFFIRMAGEN
Registration Number:	762708	ANTIGRAM
Registration Number:	1224734	BIOCLONE
Registration Number:	893105	
Registration Number:	3847242	E-CONNECTIVITY
Registration Number:	2894203	E-CONNECTIVITY

Property Type	Number	Word Mark
Registration Number:	3066283	ENGEN
Registration Number:	3758767	FETALSCREEN
Registration Number:	2698361	INTELLICHECK
Registration Number:	4199211	ORTHO
Registration Number:	4301675	ORTHO CONFIDENCE
Registration Number:	1659318	ORTHO CONFIDENCE SYSTEM
Registration Number:	4548782	ORTHO LX SOLUTIONS
Registration Number:	4280249	ORTHO PLUS
Registration Number:	4502296	ORTHO POCKET BLOOD BANKER
Registration Number:	2988527	ORTHO PROVUE
Registration Number:	4292996	ORTHO VALUATOR
Registration Number:	3931190	ORTHO VERSEIA
Registration Number:	2565565	ORTHO-CLINICAL DIAGNOSTICS
Registration Number:	2801854	PEX
Registration Number:	1188264	RESOLVE
Registration Number:	730261	SELECTOGEN
Registration Number:	1178722	SURGISCREEN
Registration Number:	2128592	VALUMETRIX
Registration Number:	3723367	VALUMETRIX P3 SOLUTIONS
Registration Number:	2576422	V
Registration Number:	2126793	VITROS
Serial Number:	87068879	REIMAGINING WHAT'S POSSIBLE
Serial Number:	87243376	ORTHO CONNECT
Serial Number:	87764891	VITROS
Serial Number:	87675184	SMART START
Serial Number:	87675165	SMART START
Serial Number:	87592057	VALUCHECK
Serial Number:	87543280	MTS
Serial Number:	87202232	VITROS
Serial Number:	87068882	THE ORTHO DIFFERENCE
Serial Number:	87065559	ID-MTS
Serial Number:	86888825	ORTHO CLINICAL DIAGNOSTICS
Serial Number:	86963054	ORTHO CARE
Serial Number:	86929736	ORTHO SERA
Serial Number:	86552793	ORTHOVISION
Serial Number:	85630261	POCKET BLOOD BANKER
Serial Number:	72232583	ORTHO
Registration Number:	5834850	ORTHO VISION

CORRESPONDENCE DATA**Fax Number:** 8009144240*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.***Phone:** 800-713-0755**Email:** Michael.Violet@wolterskluwer.com, ECarrera@cahill.com**Correspondent Name:** CT Corporation**Address Line 1:** 4400 Easton Commons Way**Address Line 2:** Suite 125**Address Line 4:** Columbus, OHIO 43219**NAME OF SUBMITTER:** Elaine Carrera**SIGNATURE:** /Elaine Carrera/**DATE SIGNED:** 05/31/2022**Total Attachments: 48**

source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page1.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page2.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page3.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page4.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page5.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page6.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page7.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page8.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page9.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page10.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page11.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page12.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page13.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page14.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page15.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page16.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page17.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page18.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page19.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page20.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page21.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page22.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page23.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page24.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page25.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page26.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page27.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page28.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page29.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page30.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page31.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page32.tif

source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page33.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page34.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page35.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page36.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page37.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page38.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page39.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page40.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page41.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page42.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page43.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page44.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page45.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page46.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page47.tif
source=49. Quidel - Ortho-Clinical IP Release (Trademarks)#page48.tif

RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

This RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY (this “Release”), dated as of May 27, 2022 (the “Effective Date”), is made by Barclays Bank PLC, in its capacity as Collateral Agent (the “Agent”), in favor of the grantor party identified on the signature page hereto (the “Grantor”).

WHEREAS, pursuant to that certain Security Agreement, dated as of June 30, 2014, by and among the Agent, the Grantor and certain other parties thereto (as amended, amended and restated, or otherwise modified from time to time, the “Security Agreement”), the Grantor granted to the Agent, in its capacity as Administrative Agent, a security interest in and to certain collateral;

WHEREAS, pursuant to the Security Agreement, the Grantor executed and delivered an (i) Intellectual Property Security Agreement, dated as of June 30, 2014 (the “Intellectual Property Security Agreement”); (ii) an Intellectual Property Agreement Supplement dated as of January 3, 2018 (the “2018 IP Security Agreement Supplement”); (iii) an Intellectual Property Agreement Supplement dated as of January 27, 2020 (the “2020 IP Security Agreement Supplement”); (iv) an Intellectual Property Agreement Supplement dated as of February 5, 2021 (the “2021 IP Security Agreement Supplement” together with the Intellectual Property Security, the 2018 IP Security Agreement Supplement, the 2020 IP Security Agreement Supplement, the “Intellectual Property Security Agreements”), for recordal with the United States Patent and Trademark Office;

WHEREAS, the Intellectual Property Security Agreement was recorded with the United States Patent and Trademark Office with respect to the patents on July 3, 2014 at Reel/Frame 033276/0104 and with respect to the trademarks on July 3, 2014 at Reel/Frame 5316/0001. The 2018 IP Security Agreement Supplement was recorded with the United States Patent and Trademark Office with respect to patents on November 6, 2018 at Reel/Frame 047435/0065 and with respect to trademarks on November 6, 2018 at Reel/Frame 6476/0627. The 2020 IP Security Agreement Supplement was recorded with the United States Patent and Trademark Office with respect to patents on January 29, 2020 at Reel/Frame 6850/0040 and with respect to trademarks on January 29, 2020 at Reel/Frame 051736/0414. The 2021 IP Security Agreement Supplement was recorded with the United States Patent and Trademark Office on April 9, 2021 at Reel/Frame 055886/0062.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Agent hereby agrees as follows:

1. Defined Terms. All capitalized terms used, but not otherwise defined herein, shall have the respective meanings ascribed in or otherwise referenced in the Security Agreement or the Intellectual Property Security Agreements, as applicable.

2. Release. The Agent, without representation or warranty of any kind, hereby releases, discharges, terminates and cancels all of its security interest in and to the Patent Collateral, including the patents and patent applications set forth Schedule I attached hereto and Trademark Collateral, including the trademark registrations and applications set forth Schedule II attached hereto, arising under the Security Agreement and the Intellectual Property Security Agreements. If and to the extent that the Agent has acquired any right, title or interest in and to the Intellectual Property Security Agreements, the Agent, without representation or warranty of any kind, hereby re-transfers, re-conveys and re-assigns such right, title or interest to the Grantor.

3. Termination. The Agent, without representation or warranty of any kind, terminates and cancels the Intellectual Property Security Agreements.

4. Further Assurances. The Agent agrees to take all further actions, and provide to the Grantor and its successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by the Grantor, at the Grantor's sole cost and expense, to more fully and effectively effectuate the purposes of this Release.

5. Governing Law. This Release shall be governed exclusively under the laws of New York, without regard to conflicts of law or choice of law principles.

IN WITNESS WHEREOF, the Agent has caused this Release to be executed by its duly authorized representative as of the Effective Date:

[Remainder of page intentionally left blank]

**Barclays Bank PLC, acting in its capacity as
Collateral Agent for the Secured Parties**

By: 

Name: EDWARD BROOKS

Title: VICE PRESIDENT

GRANTORS:

ORTHO-CLINICAL DIAGNOSTICS, INC.

CRIMSON U.S. ASSETS LLC

CRIMSON INTERNATIONAL ASSETS LLC

TRADEMARK

REEL: 007738 FRAME: 0465

Schedule I

Release of Patent Security Agreement recorded July 3, 2014 at Reel/Frame 033276/0104

U.S. PATENTS

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
AMI5001	AMI5001USPCT	A method of component manufacture	UNITED STATES OF AMERICA	PCT	GRANTED	04/FEB/1999	09/622398	16/APR/2002	6372542	Amic AB	Crimson International Assets LLC
AMI5002	AMI5002USPCT	Manufacture of matrix for inclusion as mold insert in cavity of unit producing plastic components involves using original layer, and removing matrix or material from the original layer	UNITED STATES OF AMERICA	PCT	GRANTED	07/SEP/2000	10/070868	11/MAY/2004	6733682	Amic AB	Crimson International Assets LLC
AMI5003	AMI5003USCNT	MICRO-FLUIDIC STRUCTURES	UNITED STATES OF AMERICA	CNT	FILING	19/AUG/2011	13/213685			Amic AB	Crimson International Assets LLC
AMI5003	AMI5003USPCT	MICRO-FLUIDIC STRUCTURES	UNITED STATES OF AMERICA	PCT	GRANTED	04/JUN/2003	10/492453	27/SEP/2011	8025854	Amic AB	Crimson International Assets LLC
AMI5004	AMI5004USPCT	METHOD OF FORMING POLYMERIC MICROARRAY SUPPORT	UNITED STATES OF AMERICA	PCT	GRANTED	18/MAY/2004	10/556961	16/AUG/2011	8000001	Amic AB	Crimson International Assets LLC
AMI5005	AMI5005USCNT	ASSAY DEVICE AND METHOD	UNITED STATES OF AMERICA	CNT	FILING	26/MAR/2008	12/056199			Johnson & Johnson AB	Crimson International Assets LLC
AMI5005	AMI5005USPCT	ASSAY DEVICE AND METHOD	UNITED STATES OF AMERICA	PCT	FILING	23/MAR/2005	10/560138			Amic AB	Crimson International Assets LLC
AMI5006	AMI5006USDIV	CONTROLLED FLOW ASSAY DEVICE AND METHOD	UNITED STATES OF AMERICA	DIV	FILING	08/JUN/2010	12/796351			Johnson & Johnson AB	Crimson International Assets LLC

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
AMI5007	AMI5007USNP	OPTICAL ASSAY SYSTEM	UNITED STATES OF AMERICA	NP	GRANTED	15/JUN/2006	11/454993	21/JUL/2009	7564045	Amnic AB	Crimson International Assets LLC
AMI5008	AMI5008USNP	METHOD AND MEANS FOR CREATING FLUID TRANSPORT	UNITED STATES OF AMERICA	NP	FILING	19/JUN/2006	11/471061			Amnic AB	Crimson International Assets LLC
AMI5009	AMI5009USNP	FLOURESCENCE READER	UNITED STATES OF AMERICA	NP	FILING	22/MAR/2007	11/726973			Johnson & Johnson AB	Crimson International Assets LLC
AMI5010	AMI5010USPCT	ASSAY DEVICE AND METHOD	UNITED STATES OF AMERICA	PCT	FILING	20/JUN/2007	12/305630			Amnic AB	Crimson International Assets LLC
AMI5011	AMI5011USDIV1	ASSAY DEVICE	UNITED STATES OF AMERICA	DIV	FILING	12/DEC/2012	13/712230			Johnson & Johnson AB	Crimson International Assets LLC
AMI5011	AMI5011USPCT	ASSAY DEVICE	UNITED STATES OF AMERICA	PCT	GRANTED	20/JUN/2007	12/305641	01/JAN/2013	8343439	Amnic AB	Crimson International Assets LLC
AMI5012	AMI5012USNP	NEW DEVICE	UNITED STATES OF AMERICA	NP	FILING	16/APR/2007	60/923798			Johnson & Johnson AB	Crimson International Assets LLC
AMI5013	AMI5013USNP	ASSAY DEVICE AND METHOD	UNITED STATES OF AMERICA	NP	FILING	12/JUN/2009	12/484110			Amnic AB	Crimson International Assets LLC
AMI5014	AMI5014USNP	METHOD FOR THE ANALYSIS OF CIRCULATING ANTIBODIES	UNITED STATES OF AMERICA	NP	FILING	02/JUL/2009	12/497486			Amnic AB	Crimson International Assets LLC
AMI5015	AMI5015USPCT	ASSAY METHOD AND DEVICE	UNITED STATES OF AMERICA	PCT	FILING	14/APR/2009	12/988162			Amnic AB	Crimson International Assets LLC
AMI5017	AMI5017USNP	ASSAY DEVICE COMPRISING SERIAL REACTION ZONES	UNITED STATES OF AMERICA	NP	GRANTED	01/JUL/2010	12/829151	02/APR/2013	8409523	Amnic AB	Crimson International Assets LLC

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS0001	CDS0001USA	CALIBRATING AND TESTING IMMUNOASSAYS TO MINIMIZE INTERFERENCES(64813)	UNITED STATES OF AMERICA	NP	GRANTED	22/DEC/1994	08/363099	05/NOV/1996	5571682	Clinical Diagnostic Systems, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0007	CDS0113USA	USE OF EXONUCLEASE AND/OR GLYCOSYLASE AS SUPPLEMENTS TO ANTI-POLYMERASE ANTIBODY TO INCREASE SPECIFICITY IN POLYMERASE...	UNITED STATES OF AMERICA	CPA	GRANTED	08/MAY/1996	08/643282	16/NOV/1999	5985619	Clinical Diagnostic Systems, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0009	CDS0038USA	METHOD FOR QUANTITATIVE NIR SPECTROSCOPIC ANALYSIS	UNITED STATES OF AMERICA	DIV	GRANTED	09/MAY/1995	08/437734	16/JUL/1996	5536664	Clinical Diagnostic Systems, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0018	CDS0018USA	BOTTLE CLOSURE MECHANISM USING A SLIDING SHUTTER	UNITED STATES OF AMERICA	NP	GRANTED	29/MAR/1995	08/412423	10/DEC/1996	5582222	Johnson & Johnson Clinical Diagnostic cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0039	CDS0039USA	REDUCTION IN FIRST SLIDE BIAS AND IMPROVED ENZYME STABILITY BY THEINCORPORATION OF DIARYL TELLURIDES IN THIN-FILM	UNITED STATES OF AMERICA	NP	GRANTED	07/JUN/1995	08/476155	11/NOV/1997	5686254	Johnson & Johnson Clinical Diagnostic cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0051	CDS0051USA	SLIDE TEST ELEMENT HOLDER WITH MINIMIZED Z-AXIS VARIABILITY	UNITED STATES OF AMERICA	NP	GRANTED	06/JUN/1995	08/471073	18/MAR/1997	5611996	Johnson & Johnson Clinical Diagnostic cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0052	CDS0052USA	WASHING A SLIDE AT DIFFERENT LOCATIONS	UNITED STATES OF AMERICA	NP	GRANTED	06/JUN/1995	08/470100	24/JUN/1997	5641688	Johnson & Johnson Clinical Diagnostic cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Parent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS00053	CDS00053USA	DIRECTIONAL FLOW ION-JUNCTION BRIDGE	UNITED STATES OF AMERICA	NP	GRANTED	06/JUN/1995	08/466638	30/JUL/1996	5540827	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS00065	CDS00065USA	PRENATAL RISK ASSESSMENT FOR FETAL ABNORMALITIES USING DIMERICINHBIN DATA	UNITED STATES OF AMERICA	CPA	GRANTED	07/AUG/1995	08/511942	08/FEB/2000	6022695	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS00076	CDS0122USA	CONTAINER FOR STAINING OF CELLS AND TISSUES IN COMBINATION WITH A ROLLER AND A SUPPORT	UNITED STATES OF AMERICA	NP	GRANTED	10/OCT/1996	08/728586	01/DEC/1998	5843793	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS00077	CDS00077USA	USE OF VANADIUM BROMOPEROXIDASE AS A SIGNAL-GENERATING ENZYME FORCHEMILUMINESCENT SYSTEMS TEST KITS AND ANALYTICAL METHODS	UNITED STATES OF AMERICA	NP	GRANTED	01/SEP/1995	08/522604	22/SEP/1998	5811253	Johnson & Johnson Clinical Diagnostics cs, Inc. & The Regents of the University of California	Ortho-Clinical Diagnostics, Inc.
CDS00082	CDS00082USA	SEALED CARTRIDGE TO IMPROVE CHEMISTRY STABILITY OF TEST ELEMENTS	UNITED STATES OF AMERICA	NP	GRANTED	08/FEB/1996	08/598757	02/JUN/1998	5759010	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS00087	CDS00087USA	CHEMILUMINESCENT ANALYTICAL METHOD	UNITED STATES OF AMERICA	NP	GRANTED	23/JUL/1996	08/685399	08/DEC/1998	5846756	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS0092	CDS0142USA	AMPLIFYING AND DETECTING TARGET NUCLEIC ACIDS USING A POST AMPLIFICATION INCUBATION STEP (CIP OF CDS-92)	UNITED STATES OF AMERICA	CPA	GRANTED	25/APR/1997	08/845739	28/AUG/2001	6280950	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0095	CDS0095USA	AVOIDING BUBBLE FORMATION WHILE SENSING AIR-LIQUID INTERFACEUSING PRESSURIZED AIR FLOW	UNITED STATES OF AMERICA	NP	GRANTED	22/JAN/1996	08/589749	09/SEP/1997	5665601	Johnson & Johnson	Ortho-Clinical Diagnostics, Inc.
CDS0096	CDS0096USA	WHOLE BLOOD SAMPLE PREPARATION FOR POLYMERASE CHAIN REACTIONUSING AMMONIUM CHLORIDE FOR SELECTIVE RED BLOOD CELL LYSIS	UNITED STATES OF AMERICA	NP	GRANTED	12/MAR/1996	08/615848	30/DEC/1997	5702884	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0102	CDS0236USA	IMMUNOASSAY FOR C-REACTIVE PROTEIN	UNITED STATES OF AMERICA	NP	GRANTED	29/MAR/2001	09/821227	04/JAN/2005	6838250	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0103	CDS0136USA	APPARATUS FOR STAINING OF CELLS AND TISSUES	UNITED STATES OF AMERICA	NP	GRANTED	03/FEB/1997	08/792414	16/DEC/1997	5698162	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0112	CDS0112USA	REFLECTIVE WITNESS DETECTOR	UNITED STATES OF AMERICA	NP	GRANTED	13/MAY/1996	08/648234	13/JAN/1998	5708278	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0114	CDS0114USA	CALCIUM SPECIFIC DIAZ-18-CROWN-6-ETHER CHROMIONOPHORES	UNITED STATES OF AMERICA	NP	GRANTED	15/AUG/1996	08/698316	05/MAY/1998	5747345	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS0129	CDS0129USA	DETERMINING HEIGHT VARIATIONS AROUND A ROTOR	UNITED STATES OF AMERICA	NP	GRANTED	13/NOV/1996	08/747878	07/APR/1998	5736403	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0130	CDS0130USA	DETERMINING LIQUID VOLUMES IN CUP-LIKE VESSELS ON A ROTOR HAVING VERTICAL DEVIATIONS	UNITED STATES OF AMERICA	NP	GRANTED	13/NOV/1996	08/748306	19/MAY/1998	5753512	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0131	CDS0131USA	BLOCKED COMPARIMENTS IN A PCR REACTION VESSEL	UNITED STATES OF AMERICA	NP	GRANTED	20/DEC/1996	08/770831	22/SEP/1998	5811296	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0132	CDS0132USA	SAMPLE QUALITY MEASUREMENT AND/OR ANALYTE MEASUREMENT IN THE DISPENSING TIP OF AN ANALYZER	UNITED STATES OF AMERICA	NP	GRANTED	11/MAR/1997	08/815451	08/DEC/1998	5846492	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0133	CDS0176USA	IMPROVED ANALYZER THROUGHPUT FEATURING THROUGH-THE-TIP ANALYSIS	UNITED STATES OF AMERICA	CIP	GRANTED	14/JUL/1998	09/115366	11/JAN/2000	6013528	Eastman Kodak Company	Ortho-Clinical Diagnostics, Inc.
CDS0137	CDS0169USA	AMPLIFICATION AND DETECTION OF HIV-1 AND/OR HIV-2	UNITED STATES OF AMERICA	NP	GRANTED	23/JUN/1998	09/102830	14/DEC/1999	6001558	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0140	CDS0166USA	INTEGRALLY ATTACHED AND OPERABLE MULTIPLE REACTION VESSELS	UNITED STATES OF AMERICA	NP	GRANTED	24/MAR/1998	09/047098	07/DEC/1999	5997820	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0141	CDS0141USA	FILTER WHEEL AND METHOD USING FILTERS OF VARYING THICKNESSES	UNITED STATES OF AMERICA	NP	GRANTED	11/JUN/1997	08/873155	17/AUG/1999	5940183	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Parent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS0144	CDS0175USA	DRY ANALYTICAL ELEMENTS FOR THE DETERMINATION OF PROTEIN	UNITED STATES OF AMERICA	NP	GRANTED	24/APR/1998	09/065930	04/APR/2000	6046052	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0145	CDS0145USA	IMMUNOASSAY UTILIZING TWO INCUBATIONS WITH LABELLED ANTIGEN	UNITED STATES OF AMERICA	NP	GRANTED	28/AUG/1998	09/141887	19/SEP/2000	6121006	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0148	CDS0167USA	IMPROVED FLUORIMETER AND DETECTION METHOD	UNITED STATES OF AMERICA	NP	GRANTED	11/MAY/1998	09/075700	13/APR/1999	5894347	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0149	CDS0149USA	SPECIFIC BINDING ASSAYS USING METHYL ORANGE	UNITED STATES OF AMERICA	NP	GRANTED	08/JUN/1999	09/327809	26/JUN/2001	6251584	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0150	CDS0204USA	REDUCED CORTISOL CONJUGATES	UNITED STATES OF AMERICA	NP	GRANTED	30/SEP/1999	09/408931	07/MAY/2002	6383766	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0152	CDS0152USA	REDUCTION IN POSITIVE BIAS IN WET ASSAYS DUE TO SPLASHING	UNITED STATES OF AMERICA	NP	GRANTED	29/JUL/1997	08/902463	28/SEP/1999	5958789	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0171	CDS0171USA	MULTIPLICATED PCR ASSAY FOR DETECTING DISSEMINATED MYCOBACTERIUM AVIUM COMPLEX INFECTION	UNITED STATES OF AMERICA	CPA	GRANTED	23/JUN/1998	09/102831	15/OCT/2002	6465638	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0172	CDS0194USA	IMPROVED METHODS FOR EXTRACTING NUCLEIC ACIDS FROM TISSUE SAMPLES AND PARAFFIN-EMBEDDED TISSUES	UNITED STATES OF AMERICA	CPA	GRANTED	28/APR/1999	09/301374	22/OCT/2002	6469159	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS0181	CDS0224USA	POLYMERIC COMPOSITIONS FOR ION-SELECTIVE ELECTRODES (USE)	UNITED STATES OF AMERICA	NP	GRANTED	30/AUG/2000	09/651048	13/AUG/2002	643296	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0182	CDS0207USA	PEPTIDES FOR THE DETECTION OF HIV-1 GROUP O	UNITED STATES OF AMERICA	NP	GRANTED	04/NOV/1999	09/433428	21/NOV/2000	6149910	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0183	CDS0209US	OLIGONUCLEOTID E REVERSE TRANSCRIPTION PRIMERS FOR EFFICIENT DETECTION OF HIV-1 AND HIV-2 AND METHODS OF USE THEREOF	UNITED STATES OF AMERICA	NP	GRANTED	28/JAN/2000	09/494102	16/OCT/2001	6303293	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0184	CDS0210USA	OLIGONUCLEOTID E PRIMERS FOR EFFICIENT MULTIPLEX DETECTION OF HEPATITIS C VIRUS (HCV) AND HUMAN IMMUNODEFICIENCY VIRUS (HIV).	UNITED STATES OF AMERICA	NP	GRANTED	28/JAN/2000	09/494332	23/SEP/2003	6623919	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0185	CDS0211USA	OLIGONUCLEOTID E PRIMERS FOR EFFICIENT DETECTION OF HEPATITIS C VIRUS (HCV) AND METHODS OF USE THEREOF	UNITED STATES OF AMERICA	NP	GRANTED	28/JAN/2000	09/493353	28/OCT/2003	6638714	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0187	CDS0213US	ENHANCEMENT OF THE SPECIFICITY OF NUCLEIC ACID AMPLIFICATION BY CARRIER NUCLEIC ACID	UNITED STATES OF AMERICA	NP	GRANTED	28/JAN/2000	09/493351	09/OCT/2001	6300075	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0188	CDS0214US	AN IMPROVED METHOD FOR PREPARING DNA FROM SERUM AND PLASMA	UNITED STATES OF AMERICA	NP	GRANTED	28/JAN/2000	09/493352	31/JUL/2001	6268127	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS0189	CDS0216USA	ASPIRATING AND MIXING OF LIQUIDS WITHIN A PROBE TIP	UNITED STATES OF AMERICA	CPA	GRANTED	22/FEB/2000	09/510928	04/NOV/2003	6641993	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0189	CDS0255USDIV	ASPIRATING AND MIXING OF LIQUIDS WITHIN A PROBE TIP	UNITED STATES OF AMERICA	DIV	GRANTED	06/NOV/2001	09/993054	18/NOV/2008	7452508	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0192	CDS0192USDIV	RAPID AND EFFICIENT CAPTURE OF DNA FROM SAMPLE WITHOUT USING CELL LYSING REAGENT	UNITED STATES OF AMERICA	DIV	GRANTED	20/DEC/2006	11/613475	10/NOV/2009	7615346	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0192	CDS0219US	RAPID AND EFFICIENT CAPTURE OF DNA FROM SAMPLE WITHOUT USING CELL LYSING REAGENT	UNITED STATES OF AMERICA	PCT	GRANTED	01/MAY/2003	10/019514	28/AUG/2007	7262006	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0202	CDS0231USA	ANALYTICAL ELEMENTS	UNITED STATES OF AMERICA	NP	GRANTED	02/MAR/2001	09/797817	16/SEP/2003	6620628	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0215	CDS0215USDIV	FAILURE DETECTION IN AUTOMATED CLINICAL ANALYZERS	UNITED STATES OF AMERICA	DIV	GRANTED	28/MAR/2005	11/091283	27/SEP/2011	8026101	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0218	CDS0237US	HEPATITIS B VIRUS SURFACE PROTEIN	UNITED STATES OF AMERICA	NP	GRANTED	30/MAR/2001	09/823077	27/JUN/2006	7067247	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0223	CDS0223USA	ANALYZER WITH SAMPLE QUALITY MEASUREMENT, AND METHOD	UNITED STATES OF AMERICA	NP	GRANTED	11/SEP/2000	09/658356	28/SEP/2004	6797518	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0223	CDS0223USADI	ANALYZER WITH SAMPLE QUALITY MEASUREMENT, AND METHOD	UNITED STATES OF AMERICA	DIV	GRANTED	14/SEP/2004	10/940915	14/AUG/2007	7256045	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0229	CDS0229USA	FLUID DETECTION METHOD	UNITED STATES OF AMERICA	NP	GRANTED	13/NOV/2000	09/711483	26/NOV/2002	6484556	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Parent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS0235	CDS0264USA	A HEPATITIS C ANTIGEN-ANTIBODY COMBINATION ASSAY FOR THE EARLY DET	UNITED STATES OF AMERICA	NP	GRANTED	28/MAR/2002	10/108610	20/APR/2004	6723502	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0240	CDS0240USA	TANDEM INCUBATOR FOR CLINICAL ANALYZER	UNITED STATES OF AMERICA	NP	GRANTED	13/JUL/2001	09/904692	25/DEC/2007	7312084	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0242	CDS0242USA	AUXILIARY SAMPLE SUPPLY FOR A CLINICAL ANALYZER	UNITED STATES OF AMERICA	NP	GRANTED	20/JUL/2001	09/910399	22/JUL/2008	7402282	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0243	CDS0243USDIV1	CHEMISTRY SYSTEM FOR CLINICAL ANALYZER	UNITED STATES OF AMERICA	DIV	GRANTED	05/JUL/2007	11/825149	21/DEC/2010	7855084	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0243	CDS0284US	CHEMISTRY SYSTEM FOR A CLINICAL ANALYZER	UNITED STATES OF AMERICA	NP	GRANTED	28/JUN/2002	10/185613	31/JUL/2007	7250303	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0252	CDS0286USA	HCV ANTI-CORE MONOCLONAL ANTIBODIES	UNITED STATES OF AMERICA	NP	GRANTED	10/OCT/2002	10/268561	23/MAY/2006	7049060	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0254	CDS0288USA	HCV CORE PROTEIN SEQUENCES	UNITED STATES OF AMERICA	NP	GRANTED	10/OCT/2002	10/268569	19/FEB/2008	7332269	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0257	CDS0257US	FLUID DISPENSING ALGORITHM FOR A VARIABLE SPEED PUMP DRIVEN METERING SYSTEM	UNITED STATES OF AMERICA	NP	GRANTED	03/DEC/2001	10/005257	05/JUL/2005	6913933	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0258	CDS0258US	IMPROVEMENTS IN FLUID MEASUREMENTS IN A REACTION VESSEL USED IN CONJUNCTION WITH A CLINICAL ANALYZER	UNITED STATES OF AMERICA	NP	GRANTED	02/OCT/2002	10/263069	16/OCT/2007	7282372	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Parent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS0263	CDS0263USA	METHOD FOR AUTOMATIC ALIGNMENT OF METERING SYSTEM FOR A CLINICAL ANALYZER	UNITED STATES OF AMERICA	NP	GRANTED	29/MAR/2002	10/112543	30/AUG/2005	6937955	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0270	CDS0270USANP	EVAPORATION CONTROL FOR A FLUID SUPPLY	UNITED STATES OF AMERICA	NP	GRANTED	21/MAR/2003	10/394825	27/MAY/2008	7378057	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0271	CDS0271US	DYNAMIC METERED FLUID VOLUME DETERMINATION METHOD AND RELATED APPARATUS	UNITED STATES OF AMERICA	NP	GRANTED	29/APR/2002	10/134409	22/APR/2008	7361509	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0274	CDS0273USA	COMPUTER ASSISTED METHODS FOR DIAGNOSING DISEASES	UNITED STATES OF AMERICA	CIP	GRANTED	03/MAY/1996	08/642848	23/JUN/1998	5769074	Horus Therapeuti cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0274	CDS0275USA	COMPUTER ASSISTED METHODS FOR DIAGNOSING DISEASES	UNITED STATES OF AMERICA	CNT	GRANTED	22/DEC/1997	08/997092	19/JUN/2001	6248063	Horus Therapeuti cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0274	CDS0276USA	COMPUTER ASSISTED METHODS FOR DIAGNOSING DISEASES	UNITED STATES OF AMERICA	CNT	GRANTED	10/JAN/2000	09/479487	23/OCT/2001	6306087	Horus Therapeuti cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0274	CDS0277USA	COMPUTER ASSISTED METHODS FOR DIAGNOSING DISEASES	UNITED STATES OF AMERICA	CNT	FILING	31/AUG/2001	09/945124			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS0278	CDS0279USA	METHODS FOR DIAGNOSING CANCER BY MEASURING GREATINE KINASE	UNITED STATES OF AMERICA	NP	GRANTED	15/APR/1998	09/060703	30/OCT/2001	6309816	Horus Therapeuti cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS0281	CDS0281USDIV 1	PATIENT SAMPLE CLASSIFICATION BASED UPON LOW ANGLE LIGHT SCATTERING	UNITED STATES OF AMERICA	DIV	FILING	13/MAY/2010	12/779558			Ortho-Clinical Diagnosti cs, Inc.	Ortho-Clinical Diagnosti cs, Inc.
CDS0285	CDS0285USCIP1	IMPROVED ECI WASH PROCESS	UNITED STATES OF AMERICA	CIP	GRANTED	17/APR/2003	10/417912	11/DEC/2012	8329475	Ortho-Clinical Diagnosti cs, Inc.	Ortho-Clinical Diagnosti cs, Inc.
CDS0290	CDS0290USANP	ANALYZER HAVING REMOVABLE HOLDERS OR A CENTRIFUGE	UNITED STATES OF AMERICA	NP	GRANTED	08/DEC/2003	10/730749	25/OCT/2011	8043562	Ortho-Clinical Diagnosti cs, Inc.	Ortho-Clinical Diagnosti cs, Inc.
CDS0291	CDS0291USA	DESKTOP ANALYZER FOR HUMAN AND ANIMAL CHEMISTRY TESTING WITH SINGLE FIXED MULTIFUNCTION METERING	UNITED STATES OF AMERICA	NP	GRANTED	31/MAR/2003	10/403266	06/OCT/2009	7597847	Ortho-Clinical Diagnosti cs, Inc.	Ortho-Clinical Diagnosti cs, Inc.
CDS5002	CDS5002US	REDUCING WORKING FLUID DILUTION IN LIQUID SYSTEMS	UNITED STATES OF AMERICA	NP	GRANTED	18/JUN/2003	10/464156	24/JUL/2007	7247487	Ortho-Clinical Diagnosti cs, Inc.	Ortho-Clinical Diagnosti cs, Inc.
CDS5003	CDS5003USANP	ANTIBODIES FOR DISCRIMINATION OF PRIONS	UNITED STATES OF AMERICA	NP	GRANTED	18/DEC/2003	10/740025	15/JUL/2008	7399603	Ortho-Clinical Diagnosti cs, Inc.	Ortho-Clinical Diagnosti cs, Inc.
CDS5003	CDS5003USDIV 1	ANTIBODIES FOR DISCRIMINATION OF PRIONS	UNITED STATES OF AMERICA	DIV	FILING	14/JUL/2008	12/172787	4/MAR/2014	8663943	Ortho-Clinical Diagnosti cs, Inc.	Ortho-Clinical Diagnosti cs, Inc.
CDS5007	CDS5007USANP	BREAST CANCER PROGNOSTICS	UNITED STATES OF AMERICA	NP	GRANTED	24/APR/2003	10/422522	11/DEC/2007	7306910	Verdex, LLC	Ortho-Clinical Diagnosti cs, Inc.
CDS5007	CDS5007USDIV 1	BREAST CANCER PROGNOSTICS	UNITED STATES OF AMERICA	DIV	GRANTED	25/OCT/2007	11/923888	22/MAY/2012	8183353	Verdex, LLC	Ortho-Clinical Diagnosti cs, Inc.
CDS5008	CDS5008USA	RAPID EXTRACTION OF RNA FROM CELLS AND TISSUES	UNITED STATES OF AMERICA	NP	GRANTED	01/MAY/2003	10/427217	11/SEP/2007	7267950	Verdex, LLC	Ortho-Clinical Diagnosti cs, Inc.

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS5010	CDS5010USANP	LIQUID MEASUREMENTS USING CAPACITIVE MONITORING	UNITED STATES OF AMERICA	NP	GRANTED	17/JUN/2004	10/870090	29/MAY/2007	7222526	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5012	CDS5012USANP	Dry Analytical Element for Direct Measurement of High-Density Lipoprotein Cholesterol	UNITED STATES OF AMERICA	NP	FILING	14/JUL/2004	10/890610			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5014	CDS5014USNP	METERING TIP WITH INTERNAL FEATURES TO CONTROL FLUID MENISCUS AND OSCILLATION	UNITED STATES OF AMERICA	NP	GRANTED	24/JUL/2003	10/626259	14/APR/2009	7517694	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5015	CDS5015US	CONTAINER CLOSURE AND DEVICE TO INSTALL AND REMOVE CLOSURE	UNITED STATES OF AMERICA	NP	GRANTED	16/JUL/2003	10/621430	07/DEC/2010	7846395	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5017	CDS5017USCIP	PACKAGING OF MULTIPLE FLUID RECEPTACLES	UNITED STATES OF AMERICA	CIP	GRANTED	21/SEP/2004	10/946477	08/APR/2008	7353953	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5018	CDS5018USCIP	DETERMINING ANALYTE BY MULTIPLE MEASUREMENTS THROUGH A CUVETTE	UNITED STATES OF AMERICA	CIP	GRANTED	31/JAN/2005	11/047450	11/DEC/2007	7307718	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5018	CDS5018USCNT	DETERMINING ANALYTE BY MULTIPLE MEASUREMENTS THROUGH A CUVETTE	UNITED STATES OF AMERICA	CNT	GRANTED	31/OCT/2007	11/930433	27/JUL/2010	7764372	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5023	CDS5023USANP	STABILIZATION A CUVETTE DURING MEASUREMENT	UNITED STATES OF AMERICA	NP	GRANTED	17/JUN/2004	10/870107	20/NOV/2012	8313713	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5024	CDS5024USDIV	Peptides for Discrimination of Proteins	UNITED STATES OF AMERICA	DIV	GRANTED	22/JAN/2009	12/357888	05/OCT/2010	7807386	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS5024	CDS5024USNP	PEPTIDES FOR DISCRIMINATION OF PRIONS	UNITED STATES OF AMERICA	NP	GRANTED	19/SEP/2005	11/229960	27/JAN/2009	7482172	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5025	CDS5025USNP	HEATING AND COOLING MULTIPLE CHAMBERS OR MULTI-CHAMBER CONTAINERS	UNITED STATES OF AMERICA	NP	GRANTED	12/NOV/2004	10/988251	21/SEP/2010	7799283	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5026	CDS5026USNP	QUANTITATIVELY MEASURING ERROR CAUSING PARAMETERS IN FLUID HANDLING CONTAINERS	UNITED STATES OF AMERICA	NP	GRANTED	11/JUL/2006	11/484209	07/SEP/2010	7792647	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5029	CDS5029USDIV1	CONTAINERS FOR REDUCING OR ELIMINATING FOAMING	UNITED STATES OF AMERICA	DIV	GRANTED	12/JUL/2010	12/834088	29/MAY/2012	8187558	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5030	CDS5030USNP	OPENING AND CLOSING A CONTAINER	UNITED STATES OF AMERICA	NP	GRANTED	30/MAR/2005	11/093606	04/AUG/2009	7569189	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5031	CDS5031USNP	PREDICTION OF ASPRATED VOLUME OF A LIQUID	UNITED STATES OF AMERICA	NP	GRANTED	01/AUG/2005	11/194817	06/SEP/2011	8012766	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5032	CDS5032USNP	ESTIMATING FLUIDIC PROPERTIES AND USING THEM TO IMPROVE THE PRECISION/ACCURACY OF METERED FLUIDS AND TO IMPROVE THE SENSITIVITY/SPECIFICITY IN DETECTING FAILURE MODES	UNITED STATES OF AMERICA	NP	GRANTED	11/JUL/2006	11/484115	15/DEC/2009	7634367	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5033	CDS5033USNP	DETERMINING USEFUL LIFE OF A FLUID USING INVENTORY INFORMATION	UNITED STATES OF AMERICA	NP	GRANTED	22/NOV/2005	11/285275	10/DEC/2013	8606525	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS5037	CDS5037USNP	REAGENTS FOR HCV ANTIGEN-ANTIBODY COMBINATION ASSAYS	UNITED STATES OF AMERICA	NP	FILING	20/MAY/2009	12/469568			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5039	CDS5039USNP	METHOD FOR ESTIMATING VISCOSITY	UNITED STATES OF AMERICA	NP	GRANTED	14/APR/2010	12/759809	13/NOV/2012	8307697	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5040	CDS5040USNP	ROBOTIC ARM ALIGNMENT	UNITED STATES OF AMERICA	NP	GRANTED	14/MAR/2007	11/685854	25/NOV/2008	7457686	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5041	CDS5041USDIV 1	TWO DIMENSIONAL SAMPLE HANDLER	UNITED STATES OF AMERICA	DIV	GRANTED	11/JAN/2011	13/004403	20/DEC/2011	8080204	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5041	CDS5041USNP	TWO DIMENSIONAL SAMPLE HANDLER	UNITED STATES OF AMERICA	NP	GRANTED	08/FEB/2007	11/672614	11/JAN/2011	7867768	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5045	CDS5045USNP	METHOD OF NORMALIZING SURFACE TENSION OF A SAMPLE FLUID	UNITED STATES OF AMERICA	NP	GRANTED	14/AUG/2007	11/838576	13/AUG/2013	8507280	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5046	CDS5046USNP	MULTIPLE IMMUNOCHEMISTRY ASSAYS ON AN ELEMENT	UNITED STATES OF AMERICA	NP	GRANTED	10/JAN/2007	11/621797	19/OCT/2010	7816090	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5047	CDS5047USNP	RANDOM ACCESS MULTIDISC CENTRIFUGE	UNITED STATES OF AMERICA	NP	GRANTED	30/JAN/2007	11/668496	28/SEP/2010	7803101	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5050	CDS5050USDIV 1	DILUENT WELLS PRODUCED IN CARD FORMAT FOR IMMUNODIAGNOSTIC TESTING	UNITED STATES OF AMERICA	DIV	GRANTED	25/MAY/2012	13/481301	30/JUL/2013	8496878	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5050	CDS5050USNP	DILUENT WELLS PRODUCED IN CARD FORMAT FOR IMMUNODIAGNOSTIC TESTING	UNITED STATES OF AMERICA	NP	GRANTED	17/JAN/2008	12/015936	29/MAY/2012	8187538	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS5054	CDS5054USNP	ULTRASONIC FLUID LEVEL SENSING USING A DRY COUPLANT	UNITED STATES OF AMERICA	NP	GRANTED	19/DEC/2007	11/959537	19/APR/2011	7926344	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5057	CDS5057USDIV 1	IMMUNODIAGNOSTIC TEST CARDS HAVING INDICATING INDICIA	UNITED STATES OF AMERICA	DIV	GRANTED	11/OCT/2011	13/270758	03/JUL/2012	8211365	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5057	CDS5057USNP	Improving Gel Cards	UNITED STATES OF AMERICA	NP	GRANTED	30/JAN/2008	12/022349	15/NOV/2011	8058073	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5062	CDS5062USNP	CLINICAL DIAGNOSTIC ANALYZER PERFORMANCE ESTIMATOR	UNITED STATES OF AMERICA	NP	FILING	16/JUN/2008	12/139811			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5068	CDS5068USNP	USE OF GLYCOSAMINOGLYCANS TO REDUCE NON-SPECIFIC BINDING IN IMMUNOASSAYS	UNITED STATES OF AMERICA	NP	FILING	28/AUG/2007	11/846390	31/DEC/2013	8617820	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5070	CDS5070USNP	METHOD, COMPOSITION AND DEVICE FOR SAMPLING NATRIURETIC PEPTIDES IN A BIOLOGICAL FLUID	UNITED STATES OF AMERICA	NP	FILING	27/FEB/2008	12/038355			Scios Inc.	Crimson International Assets LLC
CDS5071	CDS5071USNP	DETERMINATION OF SELT-1 ANGIOGENIC FACTOR COMPLEX	UNITED STATES OF AMERICA	NP	FILING	07/JAN/2009	12/350090			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5073	CDS5073USDIV 1	CALIBRATOR/CONTROL FOR SIMULTANEOUS ASSAY OF PROTEINS CAPABLE OF COMPLEXING WITH ONE ANOTHER	UNITED STATES OF AMERICA	DIV	FILING	21/FEB/2012	13/401263			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS5073	CDS5073USNP	REFERENCE, CALIBRATOR, OR CONTROL COMPOSITION OF PIGF-1 AND SFLT-1	UNITED STATES OF AMERICA	NP	GRANTED	07/JAN/2009	12/349695	03/APR/2012	8148157	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5081	CDS5081USNP	IMMUNODIAGNOS TIC TEST ELEMENT HAVING WEAKENED FOIL LAYER	UNITED STATES OF AMERICA	NP	FILING	25/MAR/2008	12/054790			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5082	CDS5082USCNT 1	PARTICLE AGGLUTINATION IN A TIP	UNITED STATES OF AMERICA	CNT	GRANTED	24/OCT/2011	13/279923	25/SEP/2012	8273297	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5082	CDS5082USDIV 1	PARTICLE AGGLUTINATION IN A TIP	UNITED STATES OF AMERICA	DIV	GRANTED	24/NOV/2010	12/953664	01/NOV/2011	8048376	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5082	CDS5082USNP	PARTICLE AGGLUTINATION IN A TIP	UNITED STATES OF AMERICA	NP	GRANTED	11/MAR/2008	12/046037	14/DEC/2010	7850917	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5083	CDS5083USDIV 1	SPLIT SPIN CENTRIFUGATION OF TEST ELEMENTS	UNITED STATES OF AMERICA	DIV	GRANTED	12/DEC/2011	13/323422	24/JUL/2012	8226536	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5083	CDS5083USNP	SPLIT SPIN CENTRIFUGATION OF TEST ELEMENTS	UNITED STATES OF AMERICA	NP	GRANTED	02/MAY/2008	12/114375	10/JAN/2012	8092361	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5086	CDS5086USNP	EVENT-BASED COMMUNICATION IN A CLINICAL DIAGNOSTIC ANALYZER	UNITED STATES OF AMERICA	NP	FILING	29/JUN/2009	12/493652			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5087	CDS5087USNP	REDUNDANT ERROR DETECTION IN A CLINICAL DIAGNOSTIC ANALYZER	UNITED STATES OF AMERICA	NP	FILING	29/JUN/2009	12/493689			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5088	CDS5088USDIV 1	SINGLE COLUMN IMMUNOLOGICAL TEST ELEMENTS	UNITED STATES OF AMERICA	DIV	FILING	28/NOV/2011	13/305086			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS5088	CDS5088USNP	SINGLE COLUMN IMMUNOLOGICAL TEST ELEMENTS	UNITED STATES OF AMERICA	NP	GRANTED	18/JUL/2008	12/175590	13/DEC/2011	8076126	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5090	CDS5090USDIV 1	USE OF ELUID ASPIRATION/DISPENSING TIP AS A MICROCENTRIFUGE TUBE	UNITED STATES OF AMERICA	DIV	GRANTED	05/JUL/2012	13/542272	04/DEC/2012	8323585	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5094	CDS5094USPCT	METHOD FOR DETECTING THE IMPENDING ANALYTICAL FAILURE OF NETWORKED DIAGNOSTIC CLINICAL ANALYZERS	UNITED STATES OF AMERICA	PCT	FILING	02/FEB/2011	13/203416			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5095	CDS5095USDIV 1	AN APPARATUS FOR SLOT DIE SETUP AND CONTROL DURING COATING	UNITED STATES OF AMERICA	DIV	FILING	16/OCT/2012	13/652857			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5095	CDS5095USNP	APPARATUS FOR SLOT DIE SETUP AND CONTROL DURING COATING	UNITED STATES OF AMERICA	NP	GRANTED	22/JUN/2010	12/820265	30/OCT/2012	8297221	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5097	CDS5097USNP	DETERMINING CONDITIONS IN CENTRIFUGED BLOOD USING MEASURED PRESSURE	UNITED STATES OF AMERICA	NP	FILING	06/FEB/2012	13/366876			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5099	CDS5099USPCT	NORMALIZATION OF PLATELET BIOMARKERS	UNITED STATES OF AMERICA	PCT	FILING	23/NOV/2010	13/511168			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5101	CDS5101USNP	TREPONEMA PALLIDUM TRIPLET ANTIGEN	UNITED STATES OF AMERICA	NP	FILING	13/JAN/2012	13/350235	08/APR/2014	8691950	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5103	CDS5103USNP	ASSAY DEVICE HAVING RHOMBUS-SHAPED PROJECTIONS	UNITED STATES OF AMERICA	NP	FILING	04/APR/2012	13/438988			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS5104	CDS5104USNP	ASSAY DEVICE HAVING MULTIPLE REAGENT CELLS	UNITED STATES OF AMERICA	NP	FILING	18/JAN/2013	13/744442			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5105	CDS5105USNP	SYSTEM AND METHOD OF INVENTORY MANAGEMENT	UNITED STATES OF AMERICA	NP	FILING	17/MAY/2012	13/474007			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5106	CDS5106USNP	APPARATUS FOR GRIPPING AND HOLDING DIAGNOSTIC CASSETTES	UNITED STATES OF AMERICA	NP	FILING	09/OCT/2012	13/647880			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5107	CDS5107USCIP1	METHOD FOR HOLDING MULTIPLE TYPES OF DIAGNOSTICS TEST CONSUMABLES IN A RANDOM ACCESS SINGLE CONTAINER	UNITED STATES OF AMERICA	CIP	FILING	08/MAR/2013	13/790751			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5107	CDS5107USNP	METHOD FOR HOLDING MULTIPLE TYPES OF DIAGNOSTICS TEST CONSUMABLES IN A RANDOM ACCESS SINGLE CONTAINER	UNITED STATES OF AMERICA	NP	FILING	11/DEC/2012	13/710857			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5108	CDS5108USNP	DISPOSABLE FOIL PUNCH FOR IMMUNOHEMATOLOGY TEST ELEMENTS	UNITED STATES OF AMERICA	NP	FILING	30/SEP/2011	13/249747			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5109	CDS5109USNP	MULTIPLE TIME WINDOWS FOR EXTENDING THE RANGE OF AN ASSAY	UNITED STATES OF AMERICA	NP	FILING	04/FEB/2013	13/758562			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5110	CDS5110USNP	ASSAY DEVICE HAVING UNIFORM FLOW AROUND CORNERS	UNITED STATES OF AMERICA	NP	FILING	18/JAN/2013	13/744451			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Parent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDSS111	CDSS111USNP	LOW VOLUME ASSAY DEVICE HAVING INCREASED SENSITIVITY	UNITED STATES OF AMERICA	NP	FILING	18/JAN/2013	137744617			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDSS112	CDSS112USNP	CONTROLLING FLUID FLOW THROUGH AN ASSAY DEVICE	UNITED STATES OF AMERICA	NP	FILING	18/JAN/2013	137744641			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDSS114	CDSS114USNP	ASSAY DEVICE HAVING CONTROLLABLE SAMPLE SIZE	UNITED STATES OF AMERICA	NP	FILING	18/JAN/2013	137744543			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDSS119	CDSS119USNP	LATERAL FLOW ASSAY DEVICES FOR USE IN CLINICAL DIAGNOSTIC APPARATUS AND CONFIGURATION OF CLINICAL DIAGNOSTIC APPARATUS FOR SAME	UNITED STATES OF AMERICA	NP	FILING	11/JUN/2013	139914678			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDSS125	CDSS125USNP	CALIBRATING ASSAYS USING REACTION TIME	UNITED STATES OF AMERICA	NP	FILING	15/NOV/2013	14081158			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDSS136	CDSS136USNP	FULL RESOLUTION COLOR IMAGING OF AN OBJECT	UNITED STATES OF AMERICA	NP	FILING	18/OCT/2012	13654686			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDSS137	CDSS137USNP	IMPROVING GLASS BEAD FLOW RATES TO FACILITATE IMMUNODIAGNOSTIC TEST ELEMENT MANUFACTURE	UNITED STATES OF AMERICA	NP	FILING	16/OCT/2012	13653069			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDSS138	CDSS138USPSP	REAGENT ZONE DEPOSITION PATTERN	UNITED STATES OF AMERICA	PSP	FILING	12/FEB/2013	617763662			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
CDS5141	CDS5141USDP	IMMUNOHENTOL OGY MANUAL WORK STATION	UNITED STATES OF AMERICA	DP	FILING	23/APR/2013	29/452874			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5142	CDS5142USPSP	DISK-SHAPED CAPILLARY SAMPLE COLLECTION DEVICE	UNITED STATES OF AMERICA	PSP	FILING	15/MAR/2013	61/790961			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5144	CDS5144USPSP	ROTATABLE FLUID SAMPLE COLLECTION DEVICE	UNITED STATES OF AMERICA	PSP	FILING	15/MAR/2013	61/791334			Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5148	CDS5148USNP	Retaining Clip for Reagent Test Slides	UNITED STATES OF AMERICA	NP	GRANTED	02/DEC/2004	11/002599	15/DEC/2009	7632468	Ortho-Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
KDK0354	CDS00061USA	METHODS OF EXTRACTING DEOXYRIBONUCLEIC ACIDS WITHOUT USING A PROTEOLYTIC ENZYME	UNITED STATES OF AMERICA	CNT	GRANTED	06/JUN/1995	08/4471806	06/AUG/1996	5543305	Johnson & Johnson Clinical Diagnostics cs, Inc.	Ortho-Clinical Diagnostics, Inc.
KDK0399	KDK0399USA1	IMPROVED FORMAT FOR IMMUNOASSAY IN THIN FILM	UNITED STATES OF AMERICA	NP	GRANTED	31/AUG/1992	07/938460	28/SEP/1999	5958339	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.
KDK0418	KDK0418USA1	DRY ANALYTICAL ELEMENT AND METHOD FOR THE DETECTION OF PROSTATICACID PHOSPHATASE	UNITED STATES OF AMERICA	NP	GRANTED	20/MAY/1992	07/8886263	09/NOV/1999	5981206	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.
KDK0463	KDK0463USA2	MICROGEL INTERLAYERS FOR IMPROVED IMMUNORATECLINICAL DIAGNOSTIC DRY SLIDE FORMATS, JCM-JH12MAY92	UNITED STATES OF AMERICA	CIP	GRANTED	16/JUN/1994	08/260939	03/FEB/1998	5714340	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.

Parent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
KDK0468	KDK0468USAI	GU VHR-JIH 09JUL92, PRE-METERING USING GRAVURESURFACE AREA LIQUID TRANSFER METHOD AND RELATED APPARATUS	UNITED STATES OF AMERICA	NP	GRANTED	21/JUL/1993	08/094724	20/APR/1999	5895761	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.
KDK0476	CDS0071USA	METHOD AND APPARATUS FOR ANTENATAL SCREENING FOR CHROMOSOMAL ABNORMALITIES	UNITED STATES OF AMERICA	DIV	GRANTED	07/AUG/1995	08/511949	30/JUN/1998	5772584	Johnson & Johnson Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
KDK0476	CDS0094USA	METHOD FOR ANTENATAL RISK ASSESSMENT FOR ABNORMALITIES USING GESTATIONAL AGE DISCREPANCY	UNITED STATES OF AMERICA	CPA	GRANTED	11/JAN/1996	08/584786	10/NOV/1998	5834317	Johnson & Johnson Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
KDK0489	KDK0489USAI	THEMALLY MATCHED PRIMERS & PROBES FOR PCR MULTI-PLEXING & DETECTION OF CMV AS NEW COMPOSITIONS OFMATTER. CL TWE-JIH 22FEB93	UNITED STATES OF AMERICA	NP	GRANTED	14/MAY/1993	08/062021	23/MAR/2004	6709813	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
KDK0491	KDK0491USAI	METHOD, TEST ELEMENT AND TEST KIT FOR SEMI-QUANTITATIVE DETECTION OF TARGET NUCLEIC ACID	UNITED STATES OF AMERICA	NP	GRANTED	31/MAR/1994	08/221818	07/JAN/1997	5591580	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
KDK0493	CDS0089USA	METHOD AND APPARATUS FOR ANTENATAL RISK ASSESSMENT FOR CHROMOSOMAL ABNORMALITIES FACTORING IN MATERIAL AGE INFLUENCE	UNITED STATES OF AMERICA	CPA	GRANTED	30/NOV/1995	08/565498	24/NOV/1998	5840586	Clinical Diagnostics Systems, Inc.	Ortho-Clinical Diagnostics, Inc.
KDK0495	KDK0495US1	INHIBITOR AND ANTI-INHIBITOR MONOCLONAL ANTIBODIES SPECIFIC FOR HORSERADISH PEROXIDASE	UNITED STATES OF AMERICA	NP	GRANTED	31/MAY/1994	08/251496	22/JUL/1997	5650324	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.
KDK0498	CDS0117USA	SPECIFIC BINDING ASSAY USING ENZYME INHIBITOR AND ANTI-INHIBITOR ANTIBODIES - FWC OF KDK498.1	UNITED STATES OF AMERICA	CNT	GRANTED	17/JUL/1996	08/683247	29/JUN/1999	5916757	Johnson & Johnson Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
KDK0500	KDK0500USA1	IMMUNOASSAY ELEMENTS COMPRISING POLYMERS CONTAINING VANDIUM(V+4)IONS IN THIN FILM IMMUNOASSAY ELEMENTS	UNITED STATES OF AMERICA	NP	GRANTED	25/APR/1994	08/232920	09/DEC/1997	5696193	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.
KDK0501	CDS0153USA	AN IMPROVED FORMAT FOR MINIMIZING INTERFERENCES IN CHEMILUMINESCENT THIN FILM IMMUNOASSAYS-RULE 162 FILEWRAPPER FILING OF CDS 80	UNITED STATES OF AMERICA	CNT	GRANTED	04/AUG/1997	08/906007	18/JUL/2000	6090568	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.
KDK0504	KDK0504USA	PRENATAL SCREENING FOR FETAL ABNORMALITIES	UNITED STATES OF AMERICA	NP	GRANTED	21/MAR/1997	08/822441	25/MAY/1999	5906944	Ortho-Clinical Diagnostics	Ortho-Clinical Diagnostics

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
KDK0506	CDS0119USA	PRODUCTION OF CARRIERS FOR SURFACE PLASMON RESONANCE 1.62 CON OF CDS 91.	UNITED STATES OF AMERICA	CNT	GRANTED	30/SEP/1996	08/723714	21/SEP/1999	5955153	Johnson & Johnson Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
KDK0507	CDS00088USA	PRODUCTION OF CARRIERS FOR SURFACE PLASMON RESONANCE	UNITED STATES OF AMERICA	CPA	GRANTED	07/NOV/1995	08/553174	08/DEC/1998	5846610	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.
KDK0516	CDS00008USA	CHEMICAL MODIFICATION OF ANTIBODIES AND ANTIGENS	UNITED STATES OF AMERICA	CPA	GRANTED	10/FEB/1995	08/386390	06/MAR/2001	6197533	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.
KDK0519	KDK0519USA1	PC-TWE-JIH CHEMILUMINESCENT REAGENT AND ASSAY USING A SUBSTITUTEDACE TANILIDE FOR LIGHT GENERATION	UNITED STATES OF AMERICA	NP	GRANTED	29/AUG/1994	08/297475	06/JAN/1998	5705357	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.
KDK0521	KDK0521USA1	COAMPLIFICATION OF TARGET NUCLEIC ACIDS USING VOLUME EXCLUSIONAGENT IN REACTION COMPOSITION, TEST KIT AND DEVICE USEFUL THEREFOR AGENT SUCH AS POLYETHYLENE GLYCOL 8000...	UNITED STATES OF AMERICA	NP	GRANTED	15/SEP/1994	08/206792	06/JAN/1998	5705366	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.
KDK0523	KDK0523USA1	METHOD FOR CAPTURE AND SELECTIVE RELEASE OF NUCLEIC ACIDS USINGPOLYETHYLENEMINE AND AN ANIONIC PHOSPHATE ESTER SURFACTANTPOLYMERASE CHAIN REACTION	UNITED STATES OF AMERICA	NP	GRANTED	13/SEP/1994	08/205769	22/APR/1997	5622822	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.

Parent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
KDK0524	KDK0524USA1	METHODS FOR CAPTURE AND SELECTIVE RELEASE OF NUCLEIC ACIDS USINGWEAKLY BASIC POLYMER AND AMPLIFICATION OF SAME13JAN94	UNITED STATES OF AMERICA	NP	GRANTED	15/SEP/1994	08/306870	10/DEC/1996	5582988	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.
KDK0526	KDK0526USA1	TRANSFER MECHANISM FOR AUTOMATIC LOADING AND UNLOADING OF REAGENTMODULES	UNITED STATES OF AMERICA	NP	GRANTED	27/JUN/1994	08/267086	21/MAY/1996	5518693	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.
KDK0528	CDS0079USA	ANALYTICAL ELEMENT COMPOSITION AND METHOD USING MODIFIED APO-HORSERADISH PEROXIDASE	UNITED STATES OF AMERICA	CNT	GRANTED	10/OCT/1995	08/541864	07/JUL/1998	5776714	Johnson & Johnson Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
KDK0532	KDK0532USA1	CHEMICAL ANALYZER	UNITED STATES OF AMERICA	DP	GRANTED	24/JUN/1994	29/025002	17/SEP/1996	D-373830	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.
KDK0533	KDK0533USA1	CUVETTE CONVEYOR AND SENSOR	UNITED STATES OF AMERICA	NP	GRANTED	07/NOV/1994	08/335429	22/OCT/1996	5567387	Eastman Kodak Company	Ortho-Clinical Diagnostics, Inc.
KDK0630	CDS0046USA	DIAGNOSTIC COMPOSITIONS, ELEMENTS, METHODS AND TEST KITS FOR AMPLIFICATION AND DETECTION OF TWO OR MORE TARGET DNA'S USING	UNITED STATES OF AMERICA	DIV	GRANTED	08/JUN/1995	08/495739	30/DEC/1997	5702901	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.

Parent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
KDK0630	CDS0047USA	DIAGNOSTICE COMPOSITIONS, ELEMENTS, METHODS AND TEST KITS FOR AMPLIFICATION AND DETECTION OF TWO OR MORE DNA'S USING PRIMERS . .	UNITED STATES OF AMERICA	DIV	GRANTED	08/JUN/1995	08/495742	22/SEP/1998	5811295	Johnson & Johnson Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
KDK0630	CDS0048USA	DIAGNOSTICE COMPOSITIONS, ELEMENTS, METHODS AND TEST KITS FOR AMPLIFICATION AND DETECTION OF TWO OR MORE DNA'S USING PRIMERS	UNITED STATES OF AMERICA	DIV	GRANTED	08/JUN/1995	08/495741	31/MAR/1998	5733751	Johnson & Johnson Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
KDK0630	CDS0049USA	DIAGNOSTICE PRIMERS AND PROBES	UNITED STATES OF AMERICA	DIV	GRANTED	08/JUN/1995	08/495743	05/AUG/1997	5654416	Johnson & Johnson Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
KDK0630	KDK0630USA	DIAGNOSTICE COMPOSITIONS, ELEMENTS, METHODS AND TEST KITS FOR AMPLIFICATION AND DETECTION OF TWO OR MORE TARGET DNAS USING	UNITED STATES OF AMERICA	NP	GRANTED	14/MAY/1993	08/062023	16/JAN/2001	6174668	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.
KDK0631	CDS00033USA	WEAKLY BASIC POLYMERIZABLE MONOMERS AND POLYMERS PREPARED THEREFROM	UNITED STATES OF AMERICA	DIV	GRANTED	05/MAY/1995	08/435739	04/JUN/1996	5523368	Johnson & Johnson Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
KDK0631	KDK0631USA	WEAKLY BASIC POLYMERIZABLE MONOMERS AND POLYMERS PREPARED THEREFROM	UNITED STATES OF AMERICA	NP	GRANTED	15/SEP/1994	08/306341	18/JUL/1995	5434270	Clinical Diagnostics Systems	Ortho-Clinical Diagnostics, Inc.

Parent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
KDK0654	KDK0653USA	CONTAINMENT CUVETTE FOR PCR AND METHOD OF USE	UNITED STATES OF AMERICA	DIV	GRANTED	28/SEP/1992	07/951616	11/NOV/2003	6645758	Clinical Diagnostic Systems	Ortho-Clinical Diagnostics, Inc.
KDK0678	KDK0678USA	IMMUNOASSAY ELEMENTS HAVING STABLE LEUCO DYE COATINGS	UNITED STATES OF AMERICA	NP	GRANTED	01/SEP/1994	08/299729	05/MAR/1996	5496702	Clinical Diagnostic Systems	Ortho-Clinical Diagnostics, Inc.
MTS5003	MTS5003USDIV 1	REDUCING TIME TO RESULT FOR BLOOD BANK DIAGNOSTIC TESTING	UNITED STATES OF AMERICA	DIV	GRANTED	04/MAY/2010	12/773377	17/MAY/2011	7943368	Micro Typing Systems, Inc.	Ortho-Clinical Diagnostics, Inc.
MTS5003	MTS5003USPCT	REDUCING TIME TO RESULT FOR BLOOD BANK DIAGNOSTIC TESTING	UNITED STATES OF AMERICA	PCT	GRANTED	17/DEC/2004	10/582887	03/AUG/2010	7767436	Micro Typing Systems, Inc.	Ortho-Clinical Diagnostics, Inc.
ORD0092	ORD0154USA	AUTOMATED PROCESS FOR PREPARING TREATED MICROPARTICLES, ESPECIALLY BLOOD CELL COMPONENTS	UNITED STATES OF AMERICA	CNT	GRANTED	17/JAN/1995	08/375082	28/OCT/1997	5681709	Ortho-Diagnostic Systems, Inc.	Ortho-Clinical Diagnostics, Inc.
ORD0135	ORD0135USA	TRANSPORT SYSTEM FOR FLUID ANALYSIS INSTRUMENT	UNITED STATES OF AMERICA	NP	GRANTED	11/JUN/1993	08/075028	28/OCT/1997	5681530	Ortho-Diagnostic Systems, Inc.	Ortho-Clinical Diagnostics, Inc.
ORD0173	ORD0173USA	CALIBRATION CASSETTE FOR USE IN CALIBRATING AN AUTOMATED DIAGNOSTIC REACTION ANALYZING SYSTEM	UNITED STATES OF AMERICA	NP	GRANTED	13/MAR/1997	08/816314	16/FEB/1999	5872860	Ortho-Diagnostic Systems, Inc.	Ortho-Clinical Diagnostics, Inc.

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
ORD0173	ORD0187USA	METHOD AND APPARATUS FOR CALIBRATING IMAGING SYSTEMS FOR ANALYZING AGGLUTINATION REACTIONS;	UNITED STATES OF AMERICA	DIV	GRANTED	19/AUG/1998	09/136222	18/MAY/1999	5905808	Ortho-Diagnostic Systems, Inc.	Ortho-Clinical Diagnostics, Inc.
ORD0183	ORD0183USA	DETECTING ABNORMAL REACTIONS IN A RED BLOOD CELL AGGLUTINATION	UNITED STATES OF AMERICA	NP	GRANTED	01/AUG/1997	08/904506	08/JUN/1999	5911000	Ortho-Diagnostic Systems, Inc.	Ortho-Clinical Diagnostics, Inc.
ORD0186	CDS0221US	SIMULTANEOUS DETERMINATION OF FORWARD AND REVERSE ABO BLOOD GROUP	UNITED STATES OF AMERICA	NP	GRANTED	01/JUN/2000	09/585820	18/OCT/2005	6955889	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
AMI5024	AMI5024USPCT	ALATERAL FLOW ASSAY DEVICE FOR COAGULATION MONITORING AND METHOD THEREOF	UNITED STATES OF AMERICA	NP	FILING	23/APR/2010	13/265813			Amic AB Dublin City University	Crimson International Assets LLC Dublin City University
AMI5026	AMI5026USPCT	ALUMINESCENCE BASED SENSOR	UNITED STATES OF AMERICA	NP	FILING	11/MAY/2011	13/697278			Johnson & Johnson AB Dublin City University	Crimson International Assets LLC Dublin City University
AMI5027	AMI5027USNP	METHOD OF PRODUCING A PLASTIC PRODUCT AND AN ARRANGEMENT FOR MOULDING PLASTIC PRODUCTS UTILISED THEREFOR	UNITED STATES OF AMERICA	NP	GRANTED	26/FEB/2002	10/069407	02/NOV/2004	6811736	Amic AB Gyros Patent AB	Crimson International Assets LLC Gyros AB

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
AMI5028	AMI5028USCNT 1	MATRIX, METHOD OF PRODUCING AND USING THE MATRIX AND MACHINE INCLUDING THE MATRIX	UNITED STATES OF AMERICA	NP	GRANTED	02/AUG/2002	10/211185	26/APR/2005	6884370	Amic AB Gyros AB	Crimson International LLC Gyros AB
AMI5028	AMI5028USCNT 2	MATRIX, METHOD OF PRODUCING AND USING THE MATRIX AND MACHINE INCLUDING THE MATRIX	UNITED STATES OF AMERICA	NP	GRANTED	02/DEC/2004	11/001830	27/FEB/2007	7182890	Amic AB Gyros Patent AB	Crimson International LLC Gyros AB
AMI5028	AMI5028USNP	MATRIX, METHOD OF PRODUCING AND USING THE MATRIX AND MACHINE INCLUDING THE MATRIX	UNITED STATES OF AMERICA	NP	GRANTED	19/JUL/2000	09/554530	24/SEP/2002	6454970	Amic AB Gyros Patent AB	Crimson International LLC Gyros AB
AMI5030	AMI5030USNP	METHOD OF MANUFACTURING A MICROSCALE NOZZLE	UNITED STATES OF AMERICA	NP	GRANTED			18/APR/2007	7213339	Amic AB Gyros Patent AB	Crimson International LLC Gyros AB
		DIAGNOSTIC PRIMERS AND PROBES	UNITED STATES OF AMERICA	NP	GRANTED	08/JUN/1995	08/495,743	05/AUG/1997	5654416	Johnson & Johnson Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
		DIAGNOSTIC COMPOSITIONS, ELEMENTS, METHODS AND TEST KITS FOR AMPLIFICATION AND DETECTION OF TWO OR MORE DNAs USING PRIMERS HAVING MATCHED MELTING TEMPERATURES	UNITED STATES OF AMERICA	NP	GRANTED	08/JUN/1995	08/495,741	31/MAR/1998	5733751	Johnson & Johnson Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.

Patent Family #	Internal reference	Short Title	Country	Protection type	Event	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
		DIAGNOSTIC COMPOSITIONS, ELEMENTS, METHODS AND TEST KITS FOR AMPLIFICATION AND DETECTION OF TWO OR MORE DNAs USING PRIMERS HAVING MATCHED MELTING TEMPERATURES	UNITED STATES OF AMERICA	NP	GRANTED	08/JUN/1995	08/495,742	22/SEP/1998	5811295	Johnson & Johnson Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
AM15030	AM15030USNP	METHOD OF MANUFACTURING A MICROSCALE NOZZLE	UNITED STATES OF AMERICA	NP	FILING					Johnson & Johnson AB Gyros AB	Crimson Intellectual Assets LLC Gyros AB
CDS5122	CDS5122USNP	QUALITY/PROCESS CONTROL OF A LATERAL FLOW ASSAY DEVICE BASED ON FLOW MONITORING	UNITED STATES OF AMERICA	NP	FILING	11/15/2013	14/081467			Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5149	CDS5149USPSP	ASSAY DEVICE HAVING A WASH PORT	UNITED STATES OF AMERICA	NP	FILING	12/6/2013	61/912673			Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5138	CDS5138USNP	REAGENT ZONE DEPOSITION PATTERN	UNITED STATES OF AMERICA	NP	FILING	2/12/2014	14/178327			Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5142	CDS5142USNP	ROTATABLE DISK-SHAPED FLUID SAMPLE COLLECTION DEVICE	UNITED STATES OF AMERICA	NP	FILING	3/13/2014	14/208606			Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
CDS5144	CDS5144USNP	ROTATABLE FLUID SAMPLE COLLECTION DEVICE	UNITED STATES OF AMERICA	NP	FILING	3/13/2014	14/208651			Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.

Release of Patent Security Agreement recorded November 6, 2018 at Reel/Frame 047435/0065

U.S. PATENTS

Title	Country	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
Determination of SFL-T-1: aneogenic factor complex	United States of America	09/12/2014	14484869	09/08/2015	9128099	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Treponema Pallidum Triplet Antigen	United States of America	02/28/2014	14193530	12/29/2015	9221884	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Apparatus For Gripping and Holding Diagnostic Cassettes	United States of America	06/04/2015	14730419	05/10/2016	9335337	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Single column immunological test elements	United States of America	05/08/2015	14707237	10/23/2016	9475024	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Assay Device Having Uniform Flow Around Corners	United States of America	11/13/2014	14540221	04/18/2017	9625457	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Assay Device Having Multiple Reagent Cells	United States of America	12/22/2014	14578745	06/27/2017	9689870	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Lateral Flow Assay Devices For Use In Clinical Diagnostic Apparatus And Configuration Of Clinical Diagnostic Apparatus For Same	United States of America	07/08/2016	15205029	07/18/2017	9709562	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Treponema Pallidum Triplet Antigen	United States of America	12/28/2015	14980200	02/27/2018	9902755	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Multiplexing with Single Sample Metering Event to Increase Throughput	United States of America	07/22/2015	14805712	02/27/2018	9903858	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Reagents for HCV Antigen-Antibody Combination Assays	United States of America	12/29/2015	14982015	03/13/2018	9915658	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Reagent Zone Deposition Pattern	United States of America	10/19/2017	15787991	03/27/2018	9927436	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Predictive analysis for myocardial infarction	United States of America	05/15/2015	14714063	N/A	N/A	Ortho-Clinical Diagnostics, Inc.; Janssen Diagnostics, LLC; and Scripps Health	Ortho-Clinical Diagnostics, Inc.; Janssen Diagnostics, LLC; and Scripps Health

Title	Country	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
Full Resolution color Imaging of an Object	United States of America	06/04/2015	14730437	N/A	N/A	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Point of care analytical processing system	United States of America	07/23/2015	14807212	N/A	N/A	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Lateral-flow assay device having flow constrictions	United States of America	08/04/2015	14817760	N/A	N/A	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Lateral-flow assay device with filtration flow control	United States of America	08/04/2015	14817946	N/A	N/A	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Lateral Flow Assay Device	United States of America	08/06/2015	14819893	N/A	N/A	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Controlling Fluid Flow Through An Assay Device	United States of America	02/05/2016	15016585	N/A	N/A	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
HCV NS4A/Modified NS3 Polypeptides and Uses Thereof	United States of America	03/28/2016	15025301	N/A	N/A	Ortho-Clinical Diagnostics, Inc.; Ortho Clinical Diagnostics, K.K.; and Grifols Worldwide Operations Limited	Ortho-Clinical Diagnostics, Inc.; Ortho Clinical Diagnostics, K.K.; and Grifols Worldwide Operations Limited
Redundant Error Detection in a Clinical Diagnostic Analyzer	United States of America	02/17/2016	15045852	N/A	N/A	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Glass bead flow rates to facilitate immunodiagnostic test element manufacture	United States of America	03/23/2016	15078038	N/A	N/A	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Assay device having a wash port	United States of America	06/06/2016	15102131	N/A	N/A	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Quality/process control of a lateral flow assay device based on flow monitoring	United States of America	09/23/2016	15274495	N/A	N/A	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Immunodiagnostic test element having weakened foil layer	United States of America	01/31/2017	15420559	N/A	N/A	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Determining conditions in centrifuged blood using measured pressure	United States of America	02/17/2017	15435842	N/A	N/A	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Normalizing the response of a fluorescence instrument using spectral response	United States of America	03/17/2017	15512343	N/A	N/A	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.

Title	Country	Filing date	Filing number	Grant date	Grant number	Owner (prior to closing)	Owner (immediately following closing)
Rotatable fluid sample collection device	United States of America	06/09/2017	15618225	N/A	N/A	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
Rotatable disk-shaped fluid sample collection device	United States of America	08/25/2017	15686241	N/A	N/A	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.
System and Method of Inventory Management	United States of America	11/13/2017	15810377	N/A	N/A	Ortho-Clinical Diagnostics, Inc.	Ortho-Clinical Diagnostics, Inc.

**Release of Patent Security Agreement recorded January 29, 2020 at Reel/Frame
051736/0414**

U.S. PATENTS

	Owner	Patent Title	Appl. No. Filing Date	Patent No. Issue Date
1.	Crimson International Assets LLC	Fluorescence reader	14230926 03/31/2014	9279768 03/08/2016
2.	Crimson International Assets LLC	Assay Device and Method	14507284 10/06/2014	9606112 03/28/2017
3.	Ortho-Clinical Diagnostics, Inc.	Reagents for HCV antigen-antibody combination assays	15879547 1/25/2018	10041946 8/7/2018
4.	Ortho-Clinical Diagnostics, Inc.	Treponema pallidum triplet antigen	15865594 1/9/2018	10125177 11/13/2018
5.	Ortho-Clinical Diagnostics, Inc.	Air capillary vent for a lateral flow assay device	15417833 1/27/2017	20170219576 8/3/2017
6.	Ortho-Clinical Diagnostics, Inc., Ortho Clinical Diagnostics, K.K., and Grifols Worldwide Operations Limited	HCV NS4A/Modified NS3 Polypeptides and Uses Thereof	16297311 03/08/2019	
7.	Ortho-Clinical Diagnostics, Inc.	Full resolution color imaging of an object	16287935 02/27/2019	
8.	Ortho-Clinical Diagnostics, Inc.	Lateral-flow assay device having flow constrictions	16054024 08/03/2018	
9.	Ortho-Clinical Diagnostics, Inc. and Scripps Health	Predictive analysis for myocardial infarction	16007853 06/13/2018	
10.	Ortho-Clinical Diagnostics, Inc.	Methods for detecting analytes	15910053 03/02/2018	
11.	Ortho-Clinical Diagnostics, Inc.	Normalizing the response of a fluorescence instrument using spectral response	15889765 02/06/2018	
12.	Ortho-Clinical Diagnostics, Inc.	Calibrating assays using reaction time	15886974 02/02/2018	
13.	Ortho-Clinical Diagnostics, Inc.	Packaging that facilitates sample collection	15744544 01/12/2018	
14.	Ortho-Clinical Diagnostics, Inc.	Method of improving liquid sample flow in assay device	15575258 11/17/2017	

Release of Patent Security Agreement recorded April 9, 2021 at Reel/Frame 055886/0062

U.S. Patents and Applications:

	Owner	Patent Title	Appl. No. Filing Date	Publ. No. Publ. Date
1.	Ortho-Clinical Diagnostics, Inc.	Method and apparatus for selecting slide media image read location	16455453 06/27/2019	20200005488 01/02/2020
2.	Ortho-Clinical Diagnostics, Inc.	Dry slide assay using reduced reading window	16458474 07/01/2019	20200003699 01/02/2020
3.	Ortho-Clinical Diagnostics, Inc.	Assay Device Having Controllable Sample Size	16896034 06/08/2020	20200300841 09/24/2020

Schedule II**Release of Trademark Security Agreement recorded July 3, 2014 at Reel/Frame 5316/0001****TRADEMARKS**

Trademark name	Country	Registrant	Filing Number	Registration Number
AFFIRMAGEN	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	72205195	793551
ANTIGRAM	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	72167040	762708
BIOCLONE	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	73/338972	1224734
CADUCEUS DESIGN	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	72/313329	893105
E-CONNECTIVITY	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	77/822556	3847242
E-CONNECTIVITY	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	76/441683	2894203
ENGEN	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	76/414362	3066283
FETALSCREEN	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	77/603919	3758767

INTELLICHECK	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	76/141129	2698361
ORTHO	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	85/183412	4199211
ORTHO CONFIDENCE	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	77/906657	4301675
ORTHO CONFIDENCE SYSTEM	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	74/099350	1659318
ORTHO LX SOLUTIONS	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	85/866865	4548782
ORTHO PLUS	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	85/183622	4280249
ORTHO POCKET BLOOD BANKER	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	85/630290	4502296
ORTHO PROVUE	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	76/562520	2988527
ORTHO VALUATOR	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	85/359446	4292996
ORTHO VERSEIA	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	76/686184	3931190

ORTHO-CLINICAL DIAGNOSTICS & CADUCEUS	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	75/582590	2565565
PEX	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	76/426907	2801854
RESOLVE	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	73/204093	1188264
SELECTOGEN	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	72/119231	730261
SURGISCREEN	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	73/254826	1178722
VALUMETRIX	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	75/195886	2128592
VALUMETRIX P3 SOLUTIONS	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	77/551187	3723367
VALUMETRIX V LOGO	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	75/545655	2576422
VITROS	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	75/142862	2126793

**Release of Trademark Security Agreement recorded November 6, 2018 at Reel/Frame
6476/0627**

TRADEMARKS

Trademark name	Country	Registrant	Filing Number	Registration Number
REIMAGINING WHAT'S POSSIBLE	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	87068879	
ORTHO CONNECT	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	87243376	Pending ITU
VITROS	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	87764891	
SMART START	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	87675184	Pending ITU
SMART START	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	87675165	Pending ITU
VALUCHECK	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	87592057	Pending ITU
MTS	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	87543280	5401532
VITROS	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	87202232	5204885
THE ORTHO DIFFERENCE	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	87068882	Pending ITU

ID-MTS	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	87065559	5238158
ORTHO CLINICAL DIAGNOSTICS	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	86888825	5106476
ORTHO CARE	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	86963054	5247305
ORTHO SERA	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	86929736	5324662
ORTHOVISION	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	86552793	5151743
POCKET BLOOD BANKER	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	85630261	4491796
ORTHO	UNITED STATES OF AMERICA	Crimson U.S. Assets LLC	72232583	0821814

Release of Trademark Security Agreement recorded January 29, 2020 at Reel/Frame
6850/0040

TRADEMARKS

	Owner	Trademark	Appl. No. Filing Date	Reg. No. Reg. Date
1.	Crimson U.S. Assets LLC	ORTHO VISION	88307696 02/19/2019	5834850 08/13/2019