

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE BY SECURED PARTY

CONVEYING PARTY DATA

Name	Execution Date
Manufacturers and Traders Trust Company, As Agent	10/09/2012

RECEIVING PARTY DATA

Name:	LeCroy Corporation
Street Address:	700 Chestnut Ridge Rd.
City:	Chestnut Ridge
State/Country:	NEW YORK
Postal Code:	10977

PROPERTY NUMBERS Total: 130

Property Type	Number
Patent Number:	7202678
Patent Number:	7219037
Patent Number:	7212018
Patent Number:	7221179
Patent Number:	7222055
Patent Number:	7233967
Patent Number:	7262614
Patent Number:	RE39693
Patent Number:	7280930
Patent Number:	7295020
Patent Number:	7285946
Patent Number:	7301484
Patent Number:	7304597
Patent Number:	7310392
Patent Number:	7317312

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Patent Number:	7378832
Patent Number:	7386409
Patent Number:	7403560
Patent Number:	7432698
Patent Number:	7434113
Patent Number:	7437624
Patent Number:	7450043
Patent Number:	7504886
Patent Number:	7505039
Patent Number:	7514997
Patent Number:	7516030
Patent Number:	7518385
Patent Number:	7519513
Patent Number:	7519874
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Patent Number:	7663624
Patent Number:	7671613
Patent Number:	7707234
Patent Number:	D556066
Patent Number:	D553520
Patent Number:	5218363
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Patent Number:	5257025
Patent Number:	5293122
Patent Number:	5384713
Patent Number:	5467056
Patent Number:	5621408
Patent Number:	5703838
Patent Number:	5835050
Patent Number:	5838754
Patent Number:	6112160
Patent Number:	6137749
Patent Number:	6151010
Patent Number:	6225837

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Patent Number:	6242899
Patent Number:	6311138
Patent Number:	6442730
Patent Number:	6462529
Patent Number:	6518780
Patent Number:	6538424
Patent Number:	6539318
Patent Number:	6542914
Patent Number:	RE42809
Patent Number:	6567030
Patent Number:	6605934
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	7058800
Patent Number:	7076014
Patent Number:	7124159
Patent Number:	7139684
Patent Number:	7140105
Patent Number:	7173439
Patent Number:	7180314
Patent Number:	7173943
Patent Number:	D444401
Patent Number:	D444720
Patent Number:	D444721
Patent Number:	D504078
Patent Number:	D504341
Patent Number:	D500693
Patent Number:	D501414
Patent Number:	4423373
Patent Number:	4482826
Patent Number:	4734677
Patent Number:	4804939
Patent Number:	4805197
Patent Number:	6292121
Patent Number:	6356532
Patent Number:	6650131
Patent Number:	6657437
Patent Number:	6829223
Application Number:	09988416
Application Number:	09988420
Application Number:	10155655
Application Number:	10673713
Application Number:	10830788
Application Number:	11189352
Application Number:	11264530
Application Number:	11280671
Application Number:	11346854
Application Number:	11378528

	11484202
Application Number:	11581647
Application Number:	11641154
Application Number:	11641984
Application Number:	11681537
Application Number:	11681589
Application Number:	11681622
Application Number:	11702304
Application Number:	11702305
Application Number:	11702387

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Jean Sheftic Bilodeau

Total Attachments: 6
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Release of Patent Security Interest

THIS RELEASE OF PATENT SECURITY INTEREST ("Release") is made as of the 9th day of October, 201~~2~~ by MANUFACTURERS AND TRADERS TRUST COMPANY, a New York banking corporation, as Agent ("Agent"), in favor of LECROY CORPORATION, a Delaware corporation ("Pledgor").

RECITALS

Reference is hereby made to a Credit Agreement dated to be effective as of March 30, 2007 ("Credit Agreement") by and among the Pledgor, as Borrower, the lenders party thereto (each a "Lender" and collectively, the "Lenders"), and the Agent.

Pursuant to the terms and conditions of the Credit Agreement, the Pledgor executed and delivered to the Agent for the benefit of the Lenders a certain Patent Security Agreement dated to be effective as of March 30, 2007, and recorded on May 23, 2007 among the patent records of the United States Patent and Trademark Office in Reel 019331, Frame 0239 ("Security Document"), pursuant to which Security Document the Pledgor granted to the Agent a security interest in the patents described on Exhibit A attached hereto (collectively, "Patents").

All obligations of the Pledgor under and in connection with the Credit Agreement (other than contingent reimbursement and indemnity obligations that survive the termination of the Credit Agreement) have been paid in full, and the Agent has agreed to release the security interests and liens granted under the Security Document.

NOW, THEREFORE, in consideration of the premises, and other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Agent agrees as follows:

1. **Release.** The Agent hereby releases its security interests in and liens on the Patents.
2. **Binding Nature.** This Release shall be binding upon the Agent and its successors and assigns, and shall inure to the benefit of Pledgor and its successors and assigns.

IN WITNESS WHEREOF, this Release has been executed as of the date first above written.

WITNESS/ATTEST:

AGENT:

MANUFACTURERS AND TRADERS TRUST COMPANY,
As Agent

Maria Reda

By:

[Signature] (SEAL)
Name: Frank L. Migliozzi
Title: Group Manager

EXHIBIT "A"

Schedule Of Patents

Patent Number	Date Awarded	Description
7,202,678	10-Apr-07	Resistive probe tips
7,219,037	15-May-07	High Bandwidth Oscilloscope
7,212,018	1-May-07	Dual tip probe
7,221,179	22-May-07	Bendable conductive connector
7,222,055	22-May-07	High bandwidth real time oscilloscope
7,233,967	19-Jun-07	Reflection filter
7,262,614	28-Aug-07	Planar on edge probing tip with flex
RE39,693	12-Jun-07	Digital frequency response compensator and arbitrary response generator system
7,280,930	9-Oct-07	Sequential Timebase
7,295,020	13-Nov-07	Cap at resistors of electrical test probe
7,285,946	23-Oct-07	Pattern trigger in a coherent timebase
7,301,484	27-Nov-07	Data decoder
7,304,597	4-Dec-07	Adaptive interpolation for Use in Reducing Signal Spurs
7,310,392	18-Dec-07	Method and apparatus for determining inter-symbol interference for estimating data dependent jitter
7,317,312	8-Jan-08	Guide for tip to transmission path contact
7,378,832	27-May-08	Probing high-frequency signals
7,386,409	10-Jun-08	Method and apparatus for artifact signal reduction in systems of mismatched interleaved digitizers
7,403,560	22-Jul-08	Simultaneous physical and protocol layer analysis
7,432,698	7-Oct-08	Modular Active Test Probe and Removable Tip Module Therefor
7,434,113	7-Oct-08	Method of analyzing serial data streams
7,437,624	14-Oct-08	Method and apparatus for analyzing serial data streams

7,450,043	11-Nov-08	Method of compensating for deterministic jitter due to interleave error
7,504,886	17-Mar-09	Thermal tail compensation
7,505,039	17-Mar-09	Track of statistics
7,514,997	7-Apr-09	Common mode regulation for thermal tail compensation
7,516,030	7-Apr-09	Measuring components of jitter
7,518,385	14-Apr-09	Probe using high pass ground signal path
7,519,513	14-Apr-09	High bandwidth real time oscilloscope
7,519,874	14-Apr-09	Method and apparatus for bit error rate analysis
7,589,728	15-Sep-09	Digital oscilloscope display and method for image quality improvement
7,659,790	9-Feb-10	High speed signal transmission line having reduced thickness regions (Previously - "High speed signal transmission")
7,663,624	16-Feb-10	Report generating method and apparatus
7,671,613	2-Mar-10	Probing blade
7,707,234	27-Apr-10	Use of multiple data comparators in parallel to trigger an oscilloscope on a pattern found in a serial data stream
D556066	27-Nov-07	Housing for oscilloscope (Hornet)
D553520	23-Oct-07	Housing for test and measurement instrument (Eagle box)

Patent Number	Date Awarded	Description
5,218,363	8-Jun-93	High-speed switching tree with input sampling pulses of constant frequency and means for varying the effective sampling rate
5,255,365	5-Oct-92	Method and apparatus for compacting digital time series data for display on a digital oscilloscope
5,257,025	26-Oct-93	High-speed sampling arrangement and apparatus using same
5,293,122	8-Mar-94	Signal probe with remote control function
5,384,713	24-Jan-95	Apparatus and method for acquiring and detecting stale data
5,467,056	14-Nov-94	Very high speed precision amplifier
5,621,408	15-Apr-97	Delta sigma analog-to-digital converter with temporarily interleaved architecture
5,703,838	30-Dec-97	Vernier delay line interpolator and coarse counter realignment
5,835,050	10-Nov-98	Multi-range analog-to-digital converter with multi-range switching
5,838,754	17-Nov-98	Vernier delay line interpolator and coarse counter realignment
6,112,160	29-Aug-00	Optical recording measurement package
6,137,749	24-Oct-00	Apparatus and method for measuring time intervals with very high resolutions
6,151,010	21-Nov-00	Digital oscilloscope display and method therefor
6,225,837	1-May-01	Charge sampling circuit
6,269,317	31-Jul-01	Self-calibration of an oscilloscope using a square-wave test signal
6,437,552	20-Aug-02	Automatic Probe Identification System
6,195,617 B1	27-Feb-01	Digital storage oscilloscope with simultaneous primary measurement and derived parameter display on common time axis and method therefor
6,242,899 B1	5-Jun-01	Waveform translator for DC to 75GHz oscillography
6,311,138 B2	30-Oct-01	Digital storage oscilloscope with simultaneous primary measurement and derived parameter display on common time axis and method therefor
6,442,730 B1	27-Aug-02	Recording Medium Failure Analysis Apparatus and Method
6,462,529 B1	8-Oct-02	Legs for Trimming a Tripod with an Electrical Test Probe Tip
6,518,780 B1	11-Feb-03	Electrical test probe wedge tip
6,538,424 B1	25-Mar-03	Notched electrical test probe tip
6,539,318 B2	25-Mar-03	Streaming architecture for waveform processing
6,542,914 B1	1-Apr-03	Method and apparatus for increasing bandwidth in sampled systems
RE42809	4-Oct-11	
6,567,030	20-May-03	Sample Synthesis for Matching Digitizers in Interleaved Systems
6,605,934	12-Aug-03	Cartridge system for a probing head for an electrical test probe

6,701,335	2-Mar-04	Digital frequency response compensator and arbitrary response generator system
6,731,286	4-May-04	Data compaction for fast display
6,791,545	14-Sep-04	Measurement icons for digital oscilloscopes
6,819,279	16-Nov-04	Method and apparatus for the recovery of signals acquired by an interleaved system of digitizers with mismatching frequency response characteristics
6,809,535	26-Oct-04	Notched electrical test probe tip
6,822,463	23-Nov-04	Active Differential Test Probe with a Transmission Line Input Structure
6,828,769	7-Dec-04	Cartridge system for a probing head for an electrical test probe
6,859,813	22-Feb-05	Parallel decimation circuits
6,863,576	8-Mar-05	Electrical Test Probe Flexible Spring Tip
6,870,359	22-Mar-05	Self-Calibrating Electrical Testing Probe
6,885,953	26-Apr-05	Oscilloscope panel capture and implementation
6,907,365	14-Jun-05	Context sensitive toolbar
6,919,728	19-Jul-05	Calibration Cache and Database
6,952,655	4-Oct-05	User defined processing function
6,956,362	18-Oct-05	Modular Active Test Probe and Removable Tip Module Therefor
6,965,383	15-Nov-05	Scaling persistence data with interpolation
7,009,377	7-Mar-06	Cartridge system for a probing head for an electrical test probe
7,019,544	28-Mar-06	Transmission line input structure test probe
7,042,232	9-May-06	Cable and substrate compensating custom resistor
7,050,918	23-May-06	Digital group delay compensator
7,058,548	6-Jun-06	High bandwidth real-time oscilloscope
7,058,800	6-Jun-06	System for defining internal variables by selecting and confirming the selected value is within a defined range of values
7,076,014	11-Jul-06	Precise synchronization of distributed systems
7,124,159	17-Oct-06	Parallel decimation circuits
7,139,684	21-Nov-06	High bandwidth real time oscilloscope
7,140,105	28-Nov-06	Method of fabricating a notched electrical test probe tip
7,173,439	6-Feb-07	Guide for tip to transmission path contact
7,180,314	20-Feb-07	Self-Calibrating electrical test probe calibratable while connected to an electrical component under test
7,173,943	6-Feb-07	Protocol analyzer and time precise method for capturing multi-directional packet traffic
D444,401	3-Jul-01	Electrical test probe wedge tip
D444,720	10-Jul-01	Notched electrical test probe tip
D444,721	10-Jul-01	Electrical test probe probing head
D504,078	19-Apr-05	Measurement Instrument
D504,341	26-Apr-05	Measurement Instrument
D500,693	11-Jan-05	Measurement Instrument
D501,414	1-Feb-05	Measurement Instrument
4423373	27-Dec-83	

4482826	13-Nov-84	
4734677	29-Mar-88	
4804939	14-Feb-89	
4805197	14-Feb-89	
6292121	18-Sept-01	
6356532	12-Mar-02	
6650131	18-Nov-03	
6657437	02-Dec-03	
6829223	07-Dec-06	
D500693	11-Jan-05	
D501414	01-Feb-05	

United States Patent Applications:

<u>Application Number</u>	<u>Patent Number</u>	<u>Description</u>
09/988,416		Processing web for data processing in a digital oscilloscope or similar instrument
09/988,420		Processing web editor for data processing in a digital oscilloscope or similar instrument
10/155,655		Surface mapping and 3-D parametric analysis
10/673,713		Method and apparatus for analyzing serial data streams
10/830,788		Method and apparatus for improving accuracy of touch screen input devices
11/189,352		Spectrum analyzer control in an oscilloscope
11/264,530		Group delay compensation using IFFT filters
11/280,671		Method of crossover region phase correction when summing signals in multiple frequency bands
11/346,854		Coherent interleaved sampling
11/378,528		Envelope generation algorithm
11/484,202		Precise synchronization of distributed systems
11/581,647	7899638	Estimating bit error rate performance of signals
11/641,154		Resizable display
11/641,984	7940077	Adjustable resistance
11/681,537	7941575	Pause request processing for data traffic modification
11/681,589		Code editing for data traffic modification
11/681,622		Triggered modification of data traffic
11/702,304		Method and apparatus for using out of band captured protocol traffic to facilitate in band traffic capturing
11/702,305		WUSB Burst Acknowledgement Management
11/702,387		Test and debug method and apparatus

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