PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6536148

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the APPLICATION SERIAL NUMBER 11776904 TO READ 11776907 previously recorded on Reel 030582 Frame 0160. Assignor(s) hereby confirms the ASSIGNMENT.
RESUBMIT DOCUMENT ID:	506418214

CONVEYING PARTY DATA

Name	Execution Date
GSI GROUP CORPORATION	05/03/2013
GSI GROUP INC.	05/03/2013

RECEIVING PARTY DATA

Name:	ELECTRO SCIENTIFIC INDUSTRIES, INC.
Street Address:	13900 NW SCIENCE PARK DRIVE
City:	PORTLAND
State/Country:	OREGON
Postal Code:	97229-5497

PROPERTY NUMBERS Total: 176

Property Type	Number
Patent Number:	6181728
Patent Number:	6381259
Patent Number:	6987786
Patent Number:	6340806
Patent Number:	6703582
Patent Number:	7723642
Patent Number:	7838794
Patent Number:	8253066
Application Number:	13417613
Patent Number:	7238913
Patent Number:	7402774
Patent Number:	5652658
Patent Number:	5812268
Patent Number:	7067763
Patent Number:	7119351
Patent Number:	7015418
Application Number:	11405780

Property Type	Number
Application Number:	11544426
Application Number:	11544898
Application Number:	11755512
Application Number:	11948425
Patent Number:	6144118
Patent Number:	6744228
Patent Number:	6949844
Patent Number:	6777645
Patent Number:	8217304
Patent Number:	6989508
Patent Number:	7148447
Patent Number:	7394476
Patent Number:	7382389
Patent Number:	7955905
Patent Number:	7955906
Application Number:	13541320
Patent Number:	5948291
Patent Number:	6300590
Patent Number:	6559412
Patent Number:	6911622
Application Number:	11440127
Patent Number:	5998759
Patent Number:	6337462
Patent Number:	6791059
Patent Number:	6878899
Patent Number:	8106329
Application Number:	13359879
Application Number:	13153928
Application Number:	10787517
Patent Number:	5521628
Application Number:	11152509
Patent Number:	7469831
Application Number:	11801706
Patent Number:	8269137
Application Number:	12976539
Patent Number:	5990650
Patent Number:	7538564
Patent Number:	7705268

Property Type	Number
Application Number:	11606484
Patent Number:	6366357
Patent Number:	6249347
Patent Number:	6452686
Patent Number:	6750974
Patent Number:	7199882
Patent Number:	6972268
Patent Number:	6951995
Patent Number:	7192846
Patent Number:	7407861
Patent Number:	7358157
Application Number:	11376527
Patent Number:	7666759
Patent Number:	7563695
Patent Number:	8329600
Patent Number:	7871903
Application Number:	13004710
Application Number:	11270108
Patent Number:	7732731
Application Number:	12793306
Patent Number:	6483071
Patent Number:	6662063
Patent Number:	6495791
Patent Number:	6573473
Patent Number:	7176407
Patent Number:	6639177
Patent Number:	6028671
Patent Number:	5617209
Patent Number:	5815275
Patent Number:	7027155
Patent Number:	8193468
Patent Number:	6000801
Patent Number:	7466466
Application Number:	13404930
Patent Number:	6339604
Patent Number:	6831936
Patent Number:	6973104
Application Number:	11178863

Property Type	Number
Patent Number:	5400132
Application Number:	11118456
Patent Number:	8379204
Patent Number:	7315361
Patent Number:	8084706
Application Number:	13303327
Patent Number:	8367968
Application Number:	13542177
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Patent Number:	6098031
Application Number:	10984160
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Application Number:	11776907
Patent Number:	7919646
Application Number:	11544344
Application Number:	10683147
Application Number:	11130232
Application Number:	11099584
Patent Number:	6181425
Patent Number:	6177998
Patent Number:	5024529
Patent Number:	RE36560
Application Number:	09546681
Application Number:	10298838
Application Number:	10448997
Application Number:	10727438
Application Number:	11125651
Application Number:	11643746
Application Number:	60452708
Application Number:	60994404
Application Number:	60727607
Application Number:	60204275

Property Type	Number
Application Number:	60279644
Application Number:	60832082
Application Number:	61504563
Application Number:	60381602
Application Number:	60938967
Application Number:	61446943
Application Number:	60956591
Application Number:	60883583
Application Number:	60765401
Application Number:	60584268
Application Number:	61291282
Application Number:	60627760
Application Number:	61352316
Application Number:	60617130
Application Number:	60368421
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Application Number:	60816125
Application Number:	60679870
Application Number:	60810964
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Application Number:	13608454
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Application Number:	09300549
Patent Number:	6496292
Patent Number:	7181058
Application Number:	10163799
Application Number:	09301002
Application Number:	09558368

Property Type	Number
Application Number:	10019522
Application Number:	10617940
Application Number:	10657286
Application Number:	60178814
Application Number:	60131138
Application Number:	60170462
Application Number:	60131139

CORRESPONDENCE DATA

Fax Number:

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: 5039292239
Email: kurt.eaton@mksinst.com
Correspondent Name: KURT EATON
Address Line 1: 13900 NW SCIENCE PARK DRIVE
Address Line 4: PORTLAND, OREGON 97229-5497

NAME OF SUBMITTER:	KURT EATON
SIGNATURE:	/Kurt Eaton/
DATE SIGNED:	02/05/2021

Total Attachments: 34
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Application Number:	~~11776904~~ 11776907
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Application Number:	11099584

KC 2/5/2021

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Application Number:	60512043

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Patent Number:	6875950
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Application Number:	10617940
Application Number:	10657286
Application Number:	60178814
Application Number:	60131138
Application Number:	60170462
Application Number:	60131139
Patent Number:	7679030

CORRESPONDENCE DATA

Fax Number: 503-671-53

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: ESILegal@esi.com

Correspondent Name: ELECTRO SCIENTIFIC INDUSTRIES, Inc.

Address Line 1: 13900 NW Science Park Drive

Address Line 4: Portland, OREGON 97229

ATTORNEY DOCKET NUMBER:	GSI
NAME OF SUBMITTER:	Kurt M. Eaton

	/Kurt M. Eaton/
Date:	06/10/2013

Total Attachments: 27
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Patent Assignment for Patents Owned by GSI Group Corporation

For good and valuable consideration, the receipt of which is hereby acknowledged, GSI Group Corporation ("Assignor"), f/k/a GSI Lumonics Corporation, hereby assigns to Electro Scientific Industries, Inc., an Oregon corporation having a place of business at 13900 Science Park Drive, Portland, Oregon, 97229 ("Buyer"), all of Assignor's right, title and interest in and to the below-identified patents, patent registrations and issuances and patent applications, including all rights to sue for past, present and future infringement, the same to be held and enjoyed by Buyer, its successors and assigns the Patent Properties as described in the attached Patent Schedule 1.

This Patent Assignment is subject to and controlled by the terms of the Master Purchase and Sale Agreement by and between GSI Group Inc., a New Brunswick, Canada corporation, with business offices at 125 Middlesex Turnpike, Bedford, MA 01730 ("GSI"), GSI Group Corporation, a Michigan corporation ("GSI Michigan"), GSI Group Corporation, Korea Branch ("GSI Korea"), GSI Group Corporation, Taiwan branch ("GSI Taiwan"), GSI Group Japan Corporation ("GSI Japan"), GSI Group GmbH ("GSI Germany" and, together with GSI, GSI Michigan, GSI Korea, GSI Taiwan and GSI Japan, "Sellers"), and Electro Scientific Industries, Inc., an Oregon corporation ("Buyer"), dated as of April 9, 2013 ("Purchase Agreement"), and in the event of any conflict or inconsistency between the terms of the Purchase Agreement and the terms hereof, the terms of the Purchase Agreement shall govern. Nothing herein shall be deemed to modify, amend, expand or affect in any way the parties' respective rights and obligations under the Purchase Agreement.

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Executed as of the 3rd day of May, 2013.

GSI GROUP CORPORATION

By:

Name: Robert Buckley
Title: Chief Financial Officer

[Signature Page to Patent Assignment]

Patent Schedule 1

Patent Owner: **GSI Group Corporation** (f/k/a GSI Lumonics Corporation)

NAME	JURISDICTION	APPLICATION #	PATENT #
CONTROLLING LASER POLARIZATION	UNITED STATES	09/109,482	6,181,728
CONTROLLING LASER POLARIZATION	UNITED STATES	09/770,275	6,381,259
CONTROLLING LASER POLARIZATION	UNITED STATES	10/013,956	6,987,786
ENERGY-EFFICIENT, LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGET MATERIAL	UNITED STATES	09/585,693	6,340,806
ENERGY-EFFICIENT, LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGET MATERIAL	UNITED STATES	10/053,930	6,703,582
ENERGY-EFFICIENT, LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGET MATERIAL	UNITED STATES	10/683,086	7,723,642
ENERGY-EFFICIENT, LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGET MATERIAL	UNITED STATES	11/700,386	7,838,794
ENERGY-EFFICIENT, LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGET MATERIAL	UNITED STATES	12/950,969	8,253,066

ENERGY-EFFICIENT, LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGET MATERIAL	UNITED STATES	13/417,613	
FLEXIBLE SCAN FIELD	UNITED STATES	10/967,895	7,238,913
FLEXIBLE SCAN FIELD	UNITED STATES	11/695,721	7,402,774
GRID ARRAY INSPECTION SYSTEM AND METHOD	UNITED STATES	08/138,776	5,652,658
GRID ARRAY INSPECTION SYSTEM AND METHOD	UNITED STATES	08/850,286	5,812,268
HIGH SPEED, LASER-BASED MARKING METHOD AND SYSTEM FOR PRODUCING MACHINE READABLE MARKS ON WORKPIECES AND SEMICONDUCTOR DEVICES WITH REDUCED SUBSURFACE DAMAGE PRODUCED THEREBY	UNITED STATES	10/438,501	7,067,763
HIGH SPEED, LASER-BASED MARKING METHOD AND SYSTEM FOR PRODUCING MACHINE READABLE MARKS ON WORKPIECES AND SEMICONDUCTOR DEVICES WITH REDUCED SUBSURFACE DAMAGE PRODUCED THEREBY	UNITED STATES	10/439,069	7,119,351
HIGH SPEED, LASER-BASED MARKING METHOD AND SYSTEM FOR PRODUCING MACHINE READABLE MARKS ON WORKPIECES AND SEMICONDUCTOR DEVICES WITH REDUCED SUBSURFACE DAMAGE	UNITED STATES	10/438,533	7,015,418

PRODUCED THEREBY			
HIGH SPEED, LASER-BASED MARKING METHOD AND SYSTEM FOR PRODUCING MACHINE READABLE MARKS ON WORKPIECES AND SEMICONDUCTOR DEVICES WITH REDUCED SUBSURFACE DAMAGE PRODUCED THEREBY	UNITED STATES	11/405,780	
HIGH SPEED, LASER-BASED MARKING METHOD AND SYSTEM FOR PRODUCING MACHINE READABLE MARKS ON WORKPIECES AND SEMICONDUCTOR DEVICES WITH REDUCED SUBSURFACE DAMAGE PRODUCED THEREBY	UNITED STATES	11/544,426	
HIGH SPEED, LASER-BASED MARKING METHOD AND SYSTEM FOR PRODUCING MACHINE READABLE MARKS ON WORKPIECES AND SEMICONDUCTOR DEVICES WITH REDUCED SUBSURFACE DAMAGE PRODUCED THEREBY	UNITED STATES	11/544,898	
HIGH SPEED, LASER-BASED MARKING METHOD AND SYSTEM FOR PRODUCING MACHINE READABLE MARKS	UNITED STATES	11/755,512	

HIGH SPEED, LASER-BASED MARKING METHOD AND SYSTEM FOR PRODUCING MACHINE READABLE MARKS	UNITED STATES	11/948,425	RE41,924
HIGH-SPEED PRECISION POSITIONING APPARATUS	UNITED STATES	09/156,895	6,144,118
HIGH-SPEED PRECISION POSITIONING APPARATUS	UNITED STATES	09/613,833	6,744,228
HIGH-SPEED PRECISION POSITIONING APPARATUS	UNITED STATES	10/747,552	6,949,844
HIGH-SPEED, PRECISION, LASER-BASED METHOD AND SYSTEM FOR PROCESSING MATERIAL OF ONE OR MORE TARGETS WITHIN A FIELD	UNITED STATES	10/107,027	6,777,645
HIGH-SPEED, PRECISION, LASER-BASED METHOD AND SYSTEM FOR PROCESSING MATERIAL OF ONE OR MORE TARGETS WITHIN A FIELD	UNITED STATES	10/107,890	8,217,304
HIGH-SPEED, PRECISION, LASER-BASED METHOD AND SYSTEM FOR PROCESSING MATERIAL OF ONE OR MORE TARGETS WITHIN A FIELD	UNITED STATES	10/903,120	6,989,508
HIGH-SPEED, PRECISION, LASER-BASED METHOD AND SYSTEM FOR PROCESSING MATERIAL OF ONE OR MORE TARGETS WITHIN A FIELD	UNITED STATES	11/332,923	7,148,447
HIGH-SPEED, PRECISION, LASER-BASED METHOD AND SYSTEM FOR PROCESSING MATERIAL	UNITED STATES	11/415,547	7,394,476

OF ONE OR MORE TARGETS WITHIN A FIELD			
HIGH-SPEED, PRECISION, LASER-BASED METHOD AND SYSTEM FOR PROCESSING MATERIAL OF ONE OR MORE TARGETS WITHIN A FIELD	UNITED STATES	11/593,797	7,382,389
HIGH-SPEED, PRECISION, LASER-BASED METHOD AND SYSTEM FOR PROCESSING MATERIAL OF ONE OR MORE TARGETS WITHIN A FIELD	UNITED STATES	11/643023	7,955,905
HIGH-SPEED, PRECISION, LASER-BASED METHOD AND SYSTEM FOR PROCESSING MATERIAL OF ONE OR MORE TARGETS WITHIN A FIELD	UNITED STATES	12/165,853	7,955,906
HIGH-SPEED, PRECISION, LASER-BASED METHOD AND SYSTEM FOR PROCESSING MATERIAL OF ONE OR MORE TARGETS WITHIN A FIELD	UNITED STATES	13/541,320	
LASER BEAM DISTRIBUTOR AND COMPUTER PROGRAM FOR CONTROLLING THE SAME	UNITED STATES	08/841,289	5,948,291
LASER PROCESSING	UNITED STATES	09/212,974	6,300,590
LASER PROCESSING	UNITED STATES	09/968,541	6,559,412
LASER PROCESSING	UNITED STATES	10/428,938	6,911,622
LASER PROCESSING	UNITED STATES	11/440,127	
LASER PROCESSING	UNITED STATES	08/774,107	5,998,759

LASER PROCESSING	UNITED STATES	09/441,201	6,337,462
LASER PROCESSING	UNITED STATES	10/036,431	6,791,059
LASER PROCESSING	UNITED STATES	10/899,133	6,878,899
LASER PROCESSING OF CONDUCTIVE LINKS	UNITED STATES	12/121,684	8,106,329
LASER PROCESSING OF CONDUCTIVE LINKS	UNITED STATES	13/359,879	
LASER PROCESSING WITH ORIENTED SUB-ARRAYS	UNITED STATES	13/153,928	
LASER SYSTEM AND METHOD FOR MATERIAL PROCESSING WITH ULTRA FAST LASERS	UNITED STATES	10/787,517	6,979,798
LASER SYSTEM FOR SIMULTANEOUSLY MARKING MULTIPLE PARTS	UNITED STATES	08/113,977	5,521,628
LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGETED SURFACE MATERIAL AND ARTICLE PRODUCED THEREBY	UNITED STATES	11/152,509	
LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGETED SURFACE MATERIAL AND ARTICLE PRODUCED THEREBY	UNITED STATES	11/514,660	7,469,831
LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGETED SURFACE MATERIAL AND ARTICLE PRODUCED THEREBY	UNITED STATES	11/801,706	
LINK PROCESSING WITH	UNITED STATES	12/233,476	8,269,137

HIGH SPEED BEAM DEFLECTION			
LINK PROCESSING WITH HIGH SPEED BEAM DEFLECTION	UNITED STATES	12/976,539	
METHOD AND APPARATUS FOR ORIENTING A DISK VIA EDGE CONTACT	UNITED STATES	09/200,365	5,990,650
METHOD AND APPARATUS FOR UTILIZING AN OPTICAL REFERENCE	UNITED STATES	11/582,829	7,538,564
METHOD AND SYSTEM FOR LASER SOFT MARKING	UNITED STATES	11/270,109	7,705,268
METHOD AND SYSTEM FOR ADAPTIVELY CONTROLLING A LASER-BASED MATERIAL PROCESSING PROCESS AND METHOD AND SYSTEM FOR QUALIFYING SAME	UNITED STATES	11/606,484	
METHOD AND SYSTEM FOR HIGH SPEED MEASURING OF MICROSCOPIC TARGETS	UNITED STATES	09/035,564	6,366,357
METHOD AND SYSTEM FOR HIGH SPEED MEASURING OF MICROSCOPIC TARGETS	UNITED STATES	09/420,935	6,249,347
METHOD AND SYSTEM FOR HIGH SPEED MEASURING OF MICROSCOPIC TARGETS	UNITED STATES	10/114,750	6,452,686
METHOD AND SYSTEM FOR HIGH SPEED MEASURING OF	UNITED STATES	10/244,891	6,750,974

MICROSCOPIC TARGETS			
METHOD AND SYSTEM FOR HIGH SPEED MEASURING OF MICROSCOPIC TARGETS	UNITED STATES	11/102,334	7,199,882
METHOD AND SYSTEM FOR HIGH-SPEED PRECISE LASER TRIMMING, SCAN LENS SYSTEMS FOR USE THEREIN	UNITED STATES	10/108,101	6,972,268
METHOD AND SYSTEM FOR HIGH-SPEED PRECISE LASER TRIMMING, SCAN LENS SYSTEMS FOR USE THEREIN	UNITED STATES	10/397,541	6,951,995
METHOD AND SYSTEM FOR HIGH-SPEED PRECISE LASER TRIMMING, SCAN LENS SYSTEMS FOR USE THEREIN	UNITED STATES	11/125,367	7,192,846
METHOD AND SYSTEM FOR HIGH-SPEED PRECISE LASER TRIMMING, SCAN LENS SYSTEMS FOR USE THEREIN	UNITED STATES	11/131,668	7,407,861
METHOD AND SYSTEM FOR HIGH-SPEED PRECISE LASER TRIMMING, SCAN LENS SYSTEMS FOR USE THEREIN	UNITED STATES	11/245,282	7,358,157
METHOD AND SYSTEM FOR HIGH-SPEED PRECISE LASER TRIMMING, SCAN LENS SYSTEMS FOR USE THEREIN	UNITED STATES	11/376,527	
METHOD AND SYSTEM FOR HIGH-SPEED PRECISE LASER TRIMMING, SCAN	UNITED STATES	11/415,653	7,666,759

LENS SYSTEMS FOR USE THEREIN			
METHOD AND SYSTEM FOR HIGH-SPEED PRECISE LASER TRIMMING, SCAN LENS SYSTEMS FOR USE THEREIN	UNITED STATES	11/657,810	7,563,695
METHOD AND SYSTEM FOR HIGH-SPEED PRECISE LASER TRIMMING, SCAN LENS SYSTEMS FOR USE THEREIN	UNITED STATES	12/499,123	8,329,600
METHOD AND SYSTEM FOR HIGH-SPEED PRECISE LASER TRIMMING, SCAN LENS SYSTEMS FOR USE THEREIN	UNITED STATES	12/644,832	7,871,903
METHOD AND SYSTEM FOR HIGH-SPEED PRECISE LASER TRIMMING, SCAN LENS SYSTEMS FOR USE THEREIN	UNITED STATES	13/004,710	
METHOD AND SYSTEM FOR LASER HARD MARKING	UNITED STATES	11/270,108	
METHOD AND SYSTEM FOR LASER PROCESSING TARGETS OF DIFFERENT TYPES ON A WORKPIECE	UNITED STATES	11/900,731	7,732,731
METHOD AND SYSTEM FOR LASER PROCESSING TARGETS OF DIFFERENT TYPES ON A WORKPIECE	UNITED STATES	12/793,306	
METHOD AND SYSTEM FOR PRECISELY POSITIONING A WAIST OF MATERIAL-PROCESSING LASER BEAM TO PROCESS	UNITED STATES	09/572,925	6,483,071

MICROSTRUCTURES WITHIN A LASER-PROCESSING SITE			
METHOD AND SYSTEM FOR PRECISELY POSITIONING A WAIST OF MATERIAL-PROCESSING LASER BEAM TO PROCESS MICROSTRUCTURES WITHIN A LASER-PROCESSING SITE	UNITED STATES	09/858,691	6,662,063
METHOD AND SYSTEM FOR PRECISELY POSITIONING A WAIST OF MATERIAL-PROCESSING LASER BEAM TO PROCESS MICROSTRUCTURES WITHIN A LASER-PROCESSING SITE	UNITED STATES	09/858,784	6,495,791
METHOD AND SYSTEM FOR PRECISELY POSITIONING A WAIST OF MATERIAL-PROCESSING LASER BEAM TO PROCESS MICROSTRUCTURES WITHIN A LASER-PROCESSING SITE	UNITED STATES	10/001'104	6,573,473
METHOD AND SYSTEM FOR PRECISELY POSITIONING A WAIST OF MATERIAL-PROCESSING LASER BEAM TO PROCESS MICROSTRUCTURES WITHIN A LASER-PROCESSING SITE	UNITED STATES	11/114,520	7,176,407
METHOD AND SYSTEM FOR PROCESSING ONE OR MORE MICROSTRUCTURES OF A MULTI-MATERIAL	UNITED STATES	10/107,028	6,639,177

DEVICE			
METHOD AND SYSTEM FOR SUPPRESSING UNWANTED REFLECTIONS IN AN OPTICAL SYSTEM	UNITED STATES	08/594,696	6,028,671
METHOD AND SYSTEM FOR TRIANGULATION-BASED, 3-D IMAGING UTILIZING AN ANGLED SCANNING BEAM OF RADIANT ENERGY	UNITED STATES	08/429,543	5,617,209
METHOD AND SYSTEM FOR TRIANGULATION-BASED, 3-D IMAGING UTILIZING AN ANGLED SCANNING BEAM OF RADIANT ENERGY	UNITED STATES	08/825,108	5,815,275
METHODS AND SYSTEMS FOR PRECISELY RELATIVELY POSITIONING A WAIST OF A PULSED LASER BEAM AND METHOD AND SYSTEM FOR CONTROLLING ENERGY DELIVERED TO A TARGET STRUCTURE	UNITED STATES	10/107,702	7,027,155
METHODS AND SYSTEMS FOR PRECISELY RELATIVELY POSITIONING A WAIST OF A PULSED LASER BEAM AND METHOD AND SYSTEM FOR CONTROLLING ENERGY DELIVERED TO A TARGET STRUCTURE	UNITED STATES	11/247,541	8,193,468
MULTI-COLOR LASER PROJECTOR FOR OPTICAL LAYUP TEMPLATE AND	UNITED STATES	08/850,208	6,000,801

THE LIKE			
OPTICAL SCANNING METHOD AND SYSTEM AND METHOD FOR CORRECTING OPTICAL ABERRATIONS INTRODUCED INTO TO SYSTEM BY A BEAM DEFLECTOR	UNITED STATES	11/410,684	7,466,466
PREDICTIVE LINK PROCESSING	UNITED STATES	13/404,930	
PULSE CONTROL IN LASER SYSTEM	UNITED STATES	09/096,600	6,339,604
PULSE CONTROL IN LASER SYSTEM	UNITED STATES	09/633,837	6,831,936
PULSE CONTROL IN LASER SYSTEM	UNITED STATES	11/005,981	6,973,104
PULSE CONTROL IN LASER SYSTEM	UNITED STATES	11/178,863	
RECTIFICATION OF A LASER POINTING DEVICE	UNITED STATES	08/135,270	5,400,132
SYSTEM AND METHOD FOR ALIGNING A WAFER PROCESSING SYSTEM IN A LASER MARKING SYSTEM	UNITED STATES	11/118,456	
SYSTEM AND METHOD FOR AUTOMATIC LASER BEAM ALIGNMENT	UNITED STATES	12/192,915	8,379,204
SYSTEM AND METHOD FOR INSPECTING WAFERS IN A LASER MARKING SYSTEM	UNITED STATES	11/118,192	7,315,361
SYSTEM AND METHOD FOR LASER PROCESSING AT NON-CONSTANT	UNITED STATES	11/532,160	8,084,706

VELOCITIES			
SYSTEM AND METHOD FOR LASER PROCESSING AT NON-CONSTANT VELOCITIES	UNITED STATES	13/303,327	
SYSTEM AND METHOD FOR MULTI-PULSE LASER PROCESSING	UNITED STATES	11/969,000	8,367,968
SYSTEMS AND METHODS FOR PROVIDING TEMPERATURE STABILITY OF ACOUSTO-OPTIC BEAM DEFLECTORS AND ACOUSTO-OPTIC MODULATORS DURING USE	UNITED STATES	13/542,177	
SYSTEMS AND METHODS FOR PROVIDING POLARIZATION COMPENSATED MULTI-SPECTRAL LASER REPAIR OF LIQUID CRYSTAL DISPLAY PANELS	UNITED STATES	13/792,027	
SYSTEMS AND METHODS FOR PROVIDING POLARIZATION COMPENSATED MULTI-SPECTRAL LASER REPAIR OF LIQUID CRYSTAL DISPLAY PANELS	UNITED STATES	13/793,190	
TRIANGULATION-BASED 3D IMAGING AND PROCESSING METHOD AND SYSTEM	UNITED STATES	08/245,864	5,546,189
TRIANGULATION-BASED 3D IMAGING AND PROCESSING METHOD AND SYSTEM	UNITED STATES	08/658,579	5,654,800

TRIANGULATION-BASED 3D IMAGING AND PROCESSING METHOD AND SYSTEM	UNITED STATES	08/853,305	5,812,269
VERSATILE METHOD AND SYSTEM FOR HIGH SPEED, 3D IMAGING OF MICROSCOPIC TARGETS	UNITED STATES	09/035,580	6,098,031
AUTOMATED LASER TRIMMING RESISTORS	UNITED STATES	10/984,160	
FLEXIBLE SCAN FIELD	UNITED STATES	11/736,638	
HIGH SPEED, LASER-BASED MARKING METHOD AND SYSTEM FOR PRODUCING MACHINE READABLE MARKS ON WORKPIECES AND SEMICONDUCTOR DEVICES WITH REDUCED SUBSURFACE DAMAGE PRODUCED THEREBY	UNITED STATES	10/438,500	
HIGH SPEED, LASER-BASED MARKING METHOD AND SYSTEM FOR PRODUCING MACHINE READABLE MARKS ON WORKPIECES AND SEMICONDUCTOR DEVICES WITH REDUCED SUBSURFACE DAMAGE PRODUCED THEREBY	UNITED STATES	11/266,844	
HIGH SPEED, LASER-BASED MARKING METHOD AND SYSTEM FOR PRODUCING MACHINE READABLE MARKS ON WORKPIECES AND SEMICONDUCTOR DEVICES WITH REDUCED SUBSURFACE DAMAGE	UNITED STATES	11/406,191	

PRODUCED THEREBY			
HIGH SPEED, LASER-BASED MARKING METHOD AND SYSTEM FOR PRODUCING MACHINE READABLE MARKS	UNITED STATES	~~11/776,904~~ 11/776,907	
HIGH SPEED, LASER-BASED MARKING METHOD AND SYSTEM FOR PRODUCING MACHINE READABLE MARKS	UNITED STATES	11/544,344	
HIGH-SPEED, PRECISION, LASER-BASED METHOD AND SYSTEM FOR PROCESSING MATERIAL OF ONE OR MORE TARGETS WITHIN A FIELD	UNITED STATES	10/683,147	
LASER PROCESSING	UNITED STATES	11/130,232	
LASER PROCESSING	UNITED STATES	11/099,584	
METHOD AND SYSTEM FOR HIGH SPEED MEASURING OF MICROSCOPIC TARGETS	UNITED STATES	09/419,586	6,181,425
METHOD AND SYSTEM FOR HIGH SPEED MEASURING OF MICROSCOPIC TARGETS	UNITED STATES	09/420,740	6,177,998
METHOD AND SYSTEM FOR HIGH-SPEED, HIGH-RESOLUTION, 3-D IMAGING OF AN OBJECT AT A VISION STATION	UNITED STATES	07/150,135	5,024,529

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METHOD AND SYSTEM FOR HIGH-SPEED, HIGH-RESOLUTION, 3-D IMAGING OF AN OBJECT AT A VISION STATION	UNITED STATES	08/079,504	RE36,560
METHOD AND SYSTEM FOR LASER DRILLING	UNITED STATES	09/546,681	
METHOD AND SYSTEM FOR PRECISELY POSITIONING A WAIST OF MATERIAL-PROCESSING LASER BEAM TO PROCESS MICROSTRUCTURES WITHIN A LASER-PROCESSING SITE	UNITED STATES	10/298,838	
METHOD AND SYSTEM FOR PRECISELY POSITIONING A WAIST OF MATERIAL-PROCESSING LASER BEAM TO PROCESS MICROSTRUCTURES WITHIN A LASER-PROCESSING SITE	UNITED STATES	10/448,997	
METHOD AND SYSTEM FOR PRECISELY POSITIONING A WAIST OF MATERIAL-PROCESSING LASER BEAM TO PROCESS MICROSTRUCTURES WITHIN A LASER-PROCESSING SITE	UNITED STATES	10/727,438	
METHOD AND SYSTEM FOR PRECISELY POSITIONING A WAIST OF MATERIAL-PROCESSING LASER BEAM TO PROCESS MICROSTRUCTURES WITHIN A LASER-PROCESSING SITE	UNITED STATES	11/125,651	

METHODS AND SYSTEMS FOR PRECISELY RELATIVELY POSITIONING A WAIST OF A PULSED LASER BEAM AND METHOD AND SYSTEM FOR CONTROLLING ENERGY DELIVERED TO A TARGET STRUCTURE	UNITED STATES	11/643,746	
LASER SYSTEM AND METHOD FOR MATERIAL PROCESSING WITH ULTRA FAST LASERS	UNITED STATES	60/452,708	
LINK PROCESSING WITH HIGH SPEED BEAM DEFLECTION	UNITED STATES	60/994,404	
METHOD AND APPARATUS FOR UTILIZING AN OPTICAL REFERENCE	UNITED STATES	60/727,607	
METHOD AND SUBSYSTEM FOR DETERMINING A SEQUENCE IN WHICH MICROSTRUCTURES ARE TO BE PROCESSED AT A LASER-PROCESSING SITE	UNITED STATES	60/204,275	
METHOD AND SYSTEM FOR HIGH-SPEED PRECISE LASER TRIMMING, SCAN LENS SYSTEMS FOR USE THEREIN	UNITED STATES	60/279,644	
SYSTEM AND METHOD FOR LASER PROCESSING AT NON-CONSTANT VELOCITIES	UNITED STATES	60/832,082	
SYSTEMS AND METHODS FOR PROVIDING TEMPERATURE STABILITY OF ACOUSTO-OPTIC BEAM DEFLECTORS AND ACOUSTO-OPTIC	UNITED STATES	61/504,563	

MODULATORS DURING USE			
HIGH SPEED, LASER-BASED MARKING METHOD AND SYSTEM FOR PRODUCING MACHINE READABLE MARKS ON WORKPIECES AND SEMICONDUCTOR DEVICES WITH REDUCED SUBSURFACE DAMAGE PRODUCED THEREBY	UNITED STATES	60/381,602	
LASER PROCESSING OF CONDUCTIVE LINKS	UNITED STATES	60/938,967	
HIGH-SPEED, PRECISION, LASER-BASED METHOD AND SYSTEM FOR PROCESSING MATERIAL OF ONE OR MORE TARGETS WITHIN A FIELD	UNITED STATES	60/279,644	
PREDICTIVE LINK PROCESSING	UNITED STATES	61/446,943	
SYSTEM AND METHOD FOR AUTOMATIC LASER BEAM ALIGNMENT	UNITED STATES	60/956,591	
SYSTEM AND METHOD FOR MULTI-PULSE LASER PROCESSING	UNITED STATES	60/883,583	
LASER-BASED METHOD AND SYSTEM FOR MEMORY LINK PROCESSING WITH PICOSECOND LASERS	UNITED STATES	60/765,401	
LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGETED SURFACE MATERIAL AND	UNITED STATES	60/584,268	

ARTICLE PRODUCED THEREBY			
LINK PROCESSING WITH HIGH SPEED BEAM DEFLECTION	UNITED STATES	61/291,282	
METHOD AND SYSTEM FOR LASER SOFT MARKING	UNITED STATES	60/627,760	
LASER PROCESSING WITH ORIENTED SUB-ARRAYS	UNITED STATES	61/352,316	
METHOD AND SYSTEM FOR HIGH-SPEED PRECISE LASER TRIMMING, SCAN LENS SYSTEMS FOR USE THEREIN AND ELECTRICAL DEVICE PRODUCED THEREBY	UNITED STATES	60/617,130	
METHOD AND SYSTEM FOR HIGH-SPEED, PRECISE MICROMACHINING AN ARRAY OF DEVICES	UNITED STATES	60/368,421	
METHOD AND SYSTEM FOR LASER PROCESSING TARGETS OF DIFFERENT TYPES ON A WORKPIECE	UNITED STATES	60/844,822	
METHOD AND SYSTEM FOR PROCESSING ONE OR MORE MICROSTRUCTURES OF A MULTI-MATERIAL DEVICE	UNITED STATES	60/279,644	
SYSTEM AND METHOD FOR SEMICONDUCTOR WAFER PROCESSING	UNITED STATES	60/816,125	

METHODS AND SYSTEMS FOR PRECISELY RELATIVELY POSITIONING A WAIST OF A PULSED LASER BEAM AND METHOD AND SYSTEM FOR CONTROLLING ENERGY DELIVERED TO A TARGET STRUCTURE	UNITED STATES	60/279,644	
OPTICAL SCANNING METHOD AND SYSTEM AND METHOD FOR CORRECTING OPTICAL ABERRATIONS INTRODUCED INTO TO SYSTEM BY A BEAM DEFLECTOR	UNITED STATES	60/679,870	
METHOD AND SYSTEM FOR ADAPTIVELY CONTROLLING A LASER-BASED MATERIAL PROCESSING PROCESS AND METHOD AND SYSTEM FOR QUALIFYING SAME	UNITED STATES	60/810,964	
METHOD AND SYSTEM FOR LASER HARD MARKING	UNITED STATES	60/627,781	
FLEXIBLE SCAN FIELD	UNITED STATES	60/512,043	
LINK PROCESSING WITH HIGH-SPEED BEAM DEFLECTION	UNITED STATES	13/608,454	

Patent Assignment for Patents Owned by GSI Group Inc.

For good and valuable consideration, the receipt of which is hereby acknowledged, GSI Group Inc. ("Assignor"), f/k/a GSI Lumonics, Inc., hereby assigns to Electro Scientific Industries, Inc., an Oregon corporation having a place of business at 13900 Science Park Drive, Portland, Oregon, 97229 ("Buyer"), all of Assignor's right, title and interest in and to the below-identified patents, patent registrations and issuances and patent applications, including all rights to sue for past, present and future infringement, the same to be held and enjoyed by Buyer, its successors and assigns the Patent Properties as described in the attached Patent Schedule 2.

This Patent Assignment is subject to and controlled by the terms of the Master Purchase and Sale Agreement by and between GSI Group Inc., a New Brunswick, Canada corporation, with business offices at 125 Middlesex Turnpike, Bedford, MA 01730 ("GSI"), GSI Group Corporation, a Michigan corporation ("GSI Michigan"), GSI Group Corporation, Korea Branch ("GSI Korea"), GSI Group Corporation, Taiwan branch ("GSI Taiwan"), GSI Group Japan Corporation ("GSI Japan"), GSI Group GmbH ("GSI Germany" and, together with GSI, GSI Michigan, GSI Korea, GSI Taiwan and GSI Japan, "Sellers"), and Electro Scientific Industries, Inc., an Oregon corporation ("Buyer"), dated as of April 9, 2013 ("Purchase Agreement"), and in the event of any conflict or inconsistency between the terms of the Purchase Agreement and the terms hereof, the terms of the Purchase Agreement shall govern. Nothing herein shall be deemed to modify, amend, expand or affect in any way the parties' respective rights and obligations under the Purchase Agreement.

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Executed as of the 3rd day of May, 2013.

GSI GROUP INC.

By: _____

Name: Robert Buckley
Title: Chief Financial Officer

[Signature Page to Patent Assignment]

Patent Schedule 2

Patent Owner: **GSI Group Inc.** (f/k/a GSI Lumonics, Inc.)

NAME	JURISDICTION	APPLICATION #	PATENT #
AUTOMATED LASER TRIMMING RESISTORS	UNITED STATES	10/103,317	6,875,950
ENERGY-EFFICIENT, LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGET MATERIAL	UNITED STATES	09/473,926	6,281,471
ENERGY-EFFICIENT, LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGET MATERIAL	UNITED STATES	09/941,389	6,727,458
ENERGY-EFFICIENT, LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGET MATERIAL	UNITED STATES	10/818,920	
ENERGY-EFFICIENT, LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGET MATERIAL	UNITED STATES	11/305,129	7,582,848
ENERGY-EFFICIENT, LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGET MATERIAL	UNITED STATES	11/969,275	7,679,030
ENERGY-EFFICIENT, LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGET MATERIAL	UNITED STATES	11/969,264	

ENERGY-EFFICIENT, LASER-BASED METHOD AND SYSTEM FOR PROCESSING TARGET MATERIAL	UNITED STATES	11/843,229	7,750,268
LASER CALIBRATION APPARATUS AND METHOD	UNITED STATES	09/558,367	6,501,061
MARKING OF A WORKPIECE BY LIGHT ENERGY	UNITED STATES	08/016,262	5,463,200
METHOD AND APPARATUS FOR SHAPING A LASER-BEAM INTENSITY PROFILE BY DITHERING	UNITED STATES	09/300,549	6,341,029
METHOD AND APPARATUS FOR SHAPING A LASER-BEAM INTENSITY PROFILE BY DITHERING	UNITED STATES	10/007,269	6,496,292
METHOD AND SYSTEM FOR INSPECTING ELECTRONIC COMPONENTS MOUNTED ON PRINTED CIRCUIT BOARDS	UNITED STATES	09/735,097	7,181,058
METHOD AND SYSTEM FOR LASER DRILLING	UNITED STATES	10/163,799	6,657,159
PROGRAMMABLE ILLUMINATOR FOR VISION SYSTEM	UNITED STATES	09/301,002	6,633,338
SYSTEM AND METHOD FOR MATERIAL PROCESSING USING MULTIPLE LASER BEAMS	UNITED STATES	09/558,368	6,462,306

LASER SCANNING METHOD AND SYSTEM FOR MARKING ARTICLES SUCH AS PRINTED CIRCUIT BOARDS, INTEGRATED CIRCUITS AND THE LIKE	UNITED STATES	10/019,522	
LASER SCANNING METHOD AND SYSTEM FOR MARKING ARTICLES SUCH AS PRINTED CIRCUIT BOARDS, INTEGRATED CIRCUITS AND THE LIKE	UNITED STATES	10/617,940	
PROGRAMMABLE ILLUMINATOR FOR VISION SYSTEM	UNITED STATES	10/657,286	
LASER SCANNING METHOD AND SYSTEM FOR MARKING ARTICLES SUCH AS PRINTED CIRCUIT BOARDS, INTEGRATED CIRCUITS AND THE LIKE	UNITED STATES	60/178,814	
LASER CALIBRATION APPARATUS AND METHOD	UNITED STATES	60/131,138	
METHOD AND SYSTEM FOR INSPECTING ELECTRONIC COMPONENTS MOUNTED ON PRINTED CIRCUIT BOARDS	UNITED STATES	60/170,462	
SYSTEM AND METHOD FOR MATERIAL PROCESSING USING MULTIPLE LASER BEAMS	UNITED STATES	60/131,139	