PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ESOLAR, INC.	05/03/2018

RECEIVING PARTY DATA

Name:	AALBORG CSP
Street Address:	HJULMAGERVEJ 55 9000
City:	AALBORG
State/Country:	DENMARK

PROPERTY NUMBERS Total: 6

Property Type	Number
Patent Number:	8590527
Patent Number:	10041700
Patent Number:	8192027
Patent Number:	9594855
Patent Number:	9575480
Patent Number:	9639090

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	PEJMAN YEDIDSION
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DATE SIGNED:	07/05/2019
Total Attachments: 10	

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ASSIGNMENT OF PATENT RIGHTS

WHEREAS, eSolar, Inc. of 3355 West Empire Ave., Suite 200, Burbank, CA 91504 owns the entire right, title, and interest in all patentable inventions, embodied in or encompassing the work(s), apparatus, system and/or methods identified in and/or attached to Schedule A hereto.

WHEREAS, Aalborg CSP, having its principal place of business at Hjulmagervej, 55 9000 Aalborg, Denmark, is desirous of acquiring the entire right, title and interest in and to said applications listed in Schedule A;

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, eSolar, Inc, by these presents does hereby sell, assign, transfer and set over unto Aalborg CSP the full and exclusive right, title, and interest to the said invention and all non-provisional patent applications claiming priority of common subject matter of said invention, all continuations, divisions, substitutions, continuations-in-part thereof, and all United States Letters Patents which may be granted thereon and all issued, reissues, and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all applications for patents—including related rights such as utility-model registrations, inventor's certificates, and the like—heretofore or hereafter filed for said improvements in any foreign countries and eSolar, Inc hereby authorizes and requests the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said inventions and improvements to Aalborg CSP, the entire right, title, and interest in and to the same, for its sole use and behoof and for the use and behoof of its legal representatives, to the full end of the term for which said Patents may be granted, as fully and entirely as the same would have been held by eSolar, Inc. had this assignment and sale not been made in accordance with the terms of this assignment.

AND eSolar, Inc., hereby covenants that it has full right to convey the entire interest herein assigned, and that eSolar, Inc. has not executed, and will not execute, any agreement in conflict herewith;

AND eSolar, Inc. hereby further covenants and agrees that it will communicate to Aalborg CSP any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid Aalborg CSP to obtain and enforce proper patent protection for said inventions and/or improvements in all countries.

eSolar, Inc. ("Assignor")	**Aalborg CSP ("Assignee")**
Signature: John Van Sciver	Signature: _____
Name: John Van Sciver	Name: _____
Title: CEO	Title: _____
Dated: MAY 3, 2010	Dated: _____

SCHEDULE A

1. US Patent No. 7,906,750, Issued on March 15, 2011, entitled "Heliostat with Integrated Image-Based Tracking Controller"

2. US Patent No. 8,153,945, Issued on April 10, 2012, entitled "Heliostat with Integrated Image-Based Tracking Controller (Continuation)"

3. US Patent No. 8,104,893, Issued on January 31, 2012, entitled "Calibration and Tracking Control of Heliostats in a Central Tower Receiver Solar Power Plant"

4. US Patent No. 8,449,692, Issued on May 28, 2013, entitled "Heliostat Field Cleaning System"

5. US Patent No. 8,590,527, Issued on November 26, 2013, entitled "Solar Collector System for Solar Thermal Applications"

6. US Patent No. 8,613,278, Issued December 24, 2013, entitled "Solar Thermal Receiver for Medium-and High-Temperature Applications"

7. US Patent No. 8,640,689, Issued October 1, 2013, entitled "Direct-Absorption Receiver"

8. US Patent No. 8,656,907, Issued November 26, 2008, entitled "Heliostat Array Layouts for Multi-Tower Central Receiver Solar Power Plants"

9. US Patent No. 8,789,523, Issued July 29, 2014, entitled "Solar Thermal Panel and Receiver"

10. US Patent No. 8,763,397, Issued July 1, 2014, entitled "Device and Process to Reduce Pressure and Temperature Loss from a Solar Thermal Receiver"

11. US Patent No. 8,726,458, Issued May 20, 2014, entitled "Solar Collector Washing Device"

12. US Patent No. 8,981,271, Issued March 17, 2015, entitled "Drive and Multi-Stage Mounting Assemblies for Rigidly Affixing Heliostat Reflectors"

13. US Patent No. 9,372,159, Issued June 21, 2016, entitled "System and Method for Detecting Heliostat Failures Using Artificial Light Sources"

14. US Patent No. 9,535,409, Issued January 3, 2017, entitled "Advanced Control of a Multiple Receiver Concentrated Solar Power Plant"

15. US Patent No. 9,500,390, Issued November 22, 2016, entitled "Heliostat Field Power Controller For Setting A Throttle To Determine An Optimum Distribution of Energy"

16. US Patent No. 9,482,583, Issued November 1, 2016, entitled "Automated Heliostat Reflectivity Measurement System"

17. US Patent No. 9,732,990, Issued August 15, 2017, entitled "Biased Drive Assemblies for Heliostats"

18. US Patent No. 9,759,453, Issued September 12, 2017, entitled "DENSELY PACKED SOLAR CONCENTRATOR STRUCTURE"

19. US Patent Application Serial No. 12/497,385, filed July 2, 2009, entitled "Camera-Based Heliostat Tracking Controller"

20. US Patent Application Serial No. 13/157,081, filed June 6, 2011, entitled "Periphery-Stress Natural Circulation Molten Salt Steam Generator System"

21. US Patent Application Serial No. 14/493,302, filed September 22, 2014, entitled "Heliostat Drive-Structure Mechanical Interface"

22. US Patent Application Serial No. 14/494,567, filed September 23, 2014, entitled "Heliostat Mechanical Stop and Method of Finding Heliostat Home Position"

23. US Patent Application Serial No. 14/682,061, filed April 8, 2014, entitled "Power and Communication Distribution Topology for Heliostats"

24. US Patent Application Serial No. 14/538,795, filed November 11, 2014, entitled "Heat Transfer Fluid Flow Rate and Temperature Regulation System"

25. US Patent Application Serial No. 14/806,627, filed July 30, 2014, entitled "Automated Deflectometry System for Assessing Reflector Quality"

26. US Patent Application Serial No. 14/806,646, filed July 30, 2014, entitled "Variable Density Heliostat Field Layout"

27. US Patent No. 8,192,027, Issued June 5, 2012, entitled "Calibration and Tracking Control of Heliostats in a Central Tower Receiver Solar Power Plant (Continuation)"

28. US Patent No. 8,590,527, Issued November 26, 2013, entitled "Solar Collector System for Solar Thermal Applications"

29. US Patent No. 9,575,480, Issued February 21, 2017, entitled "Solution Stabilization For Linear Program-Based Control Systems"

30. US Patent No. 9,594,855, Issued March 14, 2017, entitled "Method and Apparatus for Lighting Protection In Densely Packed Heliostat Fields"

31. US Patent Application Serial No. 14/189,408, filed February 25, 2014, entitled "Heliostat Array Layouts For Multi-Tower Central Receiver Solar Power Plants"

32. US Patent No. 9.639.090, Issued May 2, 2017, entitled "Safe Target Position Computation for Heliostat Near a Concentrating Solar Power Receiver"

33. Chinese Patent No. 101680685, Issued on November 14, 2012, entitled "Heliostat with Integrated Image-Based Tracking Controller"

34. Chinese Patent No. 101918769, published on December 15, 2010, Issued on December 4, 2012, entitled "Calibration and Tracking Control of Heliostats in a Central Tower Receiver Solar Power Plant"

35. Chinese Patent No. 101784844, Issued on May 28, 2014, entitled "Solar Collector System for Solar Thermal Applications"

36. Chinese Patent No. 101952669, Issued March 12, 2014, entitled "Heliostat Array Layouts for Multi-Tower Central Receiver Solar Power Plants"

37. EP Patent No. 2145137, validated in Spain on September 14, 2014, entitled "Heliostat with Integrated Image-Based Tracking Controller"

38. EP Patent No. 2223019, published on September 1, 2010, validated in Spain on May 21, 2014, entitled "Heliostat Array Layouts for Multi-Tower Central Receiver Solar Power Plants"

39. EP Patent Application No. 10741772.7, filed February 12, 2010, entitled "Heliostat Field Cleaning System"

40. EP Patent No. 2496265 validated in Spain on September 18, 2014, entitled "Diseños de matrices de helióstatos para plantas de energía solar de receptores centrales de torres multiples"

41. India Patent Application No. 6700/DELNP/2011, published on December 7, 2012, entitled "HELIOSTAT FIELD CLEANING SYSTEM"

42. PCT Application No. WO/2012/061144, published May 5, 2012, entitled "SOLAR THERMAL RECEIVER WITH CONCENTRIC TUBE MODULES"

43. India Patent Application No. 4621/DELNP/2010, published November 11, 2011, entitled "HELIOSTAT ARRAY LAYOUTS FOR MULTI-TOWER CENTRAL RECEIVER SOLAR POWER PLANTS"

44. India Patent Application No. 3667/DELNP/2010, published November 4, 2011, entitled "CALIBRATION AND TRACKING CONTROL OF HELIOSTATS IN A CENTRAL TOWER RECEIVER SOLAR POWER"

45. PCT Application No. WO/2010/093876, published August 19, 2010, entitled "HELIOSTAT FIELD CLEANING SYSTEM"

46. EP Patent No. 2212626, published on August 4, 2010, entitled" CALIBRATION AND TRACKING CONTROL OF HELIOSTATS IN A CENTRAL TOWER RECEIVER SOLAR POWER PLANT"

47. India Patent Application No. 76/DELNP/2010, published July 23, 2010, entitled "SOLAR COLLECTOR SYSTEM FOR SOLAR THERMAL APPLICATIONS"

48. EP Patent No. 2171369, published April 7, 2010, entitled "SOLAR COLLECTOR SYSTEM FOR SOLAR THERMAL APPLICATIONS"

49. US Patent No. 7,994,459, Issued August 9, 2011, entitled "CAMERA-BASED HELIOSTAT CALIBRATION WITH ARTIFICIAL LIGHT SOURCES"

50. PCT Application No. WO/2010/017415, published February 11, 2010, entitled "CAMERA-BASED HELIOSTAT CALIBRATION WITH ARTIFICIAL LIGHT SOURCES"

51. EP Patent No. 2145137, published January 20, 2010, entitled "HELIOSTAT WITH INTEGRATED IMAGE-BASED TRACKING CONTROLLER"

52. PCT Application No. WO/2009/121030, published October 1, 2009, entitled "SOLAR THERMAL RECEIVER FOR MEDIUM-AND HIGH-TEMPERATURE APPLICATIONS"

53. PCT Application No. WO/2009/105689, published August 27, 2009, entitled "SOLAR RECEIVERS WITH INTERNAL REFLECTIONS AND FLUX-LIMITING PATTERNS OF REFLECTIVITY"

54. PCT Application No. WO/2009/070774, published June 4, 2009, entitled "HELIOSTAT ARRAY LAYOUTS FOR MULTI-TOWER CENTRAL RECEIVER SOLAR POWER PLANTS"

55. PCT Application No. WO/2009/055624, published April 30, 2009, entitled "CALIBRATION AND TRACKING CONTROL OF HELIOSTATS IN A CENTRAL TOWER RECEIVER SOLAR POWER PLANT"

56. PCT Application No. WO/2008/154521, published December 18, 2008, entitled "SOLAR COLLECTOR SYSTEM FOR SOLAR THERMAL APPLICATIONS"

57. PCT Application No. WO/2008/121335, published October 9, 2008, entitled "HELIOSTAT WITH INTEGRATED IMAGE-BASED TRACKING CONTROLLER"