

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3658866

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
MITSUBISHI ELECTRIC VISUAL SOLUTIONS AMERICA, INC.		03/31/2014
RECEIVING PARTY DATA		
Name:	MITSUBISHI ELECTRIC US, INC.	
Street Address:	5900-A KATELLA AVENUE	
City:	CYPRESS	
State/Country:	CALIFORNIA	
Postal Code:	90630	
PROPERTY NUMBERS Total: 122		
Property Type	Number	
Patent Number:	5303395	
Patent Number:	5382753	
Patent Number:	5517682	
Patent Number:	5631706	
Patent Number:	5900916	
Patent Number:	5917631	
Patent Number:	6094238	
Patent Number:	6147719	
Patent Number:	6157416	
Patent Number:	6188448	
Patent Number:	6359398	
Patent Number:	6360893	
Patent Number:	6369864	
Patent Number:	6377319	
Patent Number:	6429894	
Patent Number:	6496232	
Patent Number:	6529680	
Patent Number:	6545729	
Patent Number:	6565214	
Patent Number:	6684478	

PATENT

Property Type	Number
Patent Number:	6688713
Patent Number:	6714137
Patent Number:	6717626
Patent Number:	6755535
Patent Number:	6816201
Patent Number:	6825888
Patent Number:	6833879
Patent Number:	6833880
Patent Number:	6850419
Patent Number:	6930730
Patent Number:	6943696
Patent Number:	6944876
Patent Number:	6948692
Patent Number:	7161638
Patent Number:	7196741
Patent Number:	7315417
Patent Number:	7456906
Patent Number:	7530694
Patent Number:	7619692
Patent Number:	7690017
Patent Number:	7710504
Patent Number:	7733429
Patent Number:	7782407
Patent Number:	7797718
Patent Number:	7809210
Patent Number:	7814516
Patent Number:	7889678
Patent Number:	7941821
Patent Number:	7954126
Patent Number:	8021000
Patent Number:	8056104
Patent Number:	8068183
Patent Number:	8068184
Patent Number:	8108891
Patent Number:	8134649
Patent Number:	8134650
Patent Number:	8264619
Patent Number:	8274611

Property Type	Number
Patent Number:	8279357
Patent Number:	8280192
Patent Number:	8292080
Patent Number:	8325282
Application Number:	10138464
Application Number:	10663015
Application Number:	10663016
Application Number:	11459175
Application Number:	11958246
Application Number:	11958249
Application Number:	12099934
Application Number:	12174413
Application Number:	12551910
Application Number:	12174797
Application Number:	12548606
Application Number:	12550598
Application Number:	12551136
Application Number:	12547009
Application Number:	12547030
Application Number:	12544833
Application Number:	12544937
Application Number:	12544858
Application Number:	12547044
Application Number:	12544377
Application Number:	12547064
Application Number:	12623183
Application Number:	12855216
Application Number:	12855028
Application Number:	12854782
Application Number:	13027466
Application Number:	61502743
Application Number:	13184783
Application Number:	61502484
Application Number:	13285190
Application Number:	11609546
Application Number:	12547763
Application Number:	12547745
Application Number:	12539457

Property Type	Number
Application Number:	12544388
Application Number:	13171827
Application Number:	11958267
Application Number:	09465119
Application Number:	09527912
Application Number:	09528410
Application Number:	10759578
Application Number:	10837465
Application Number:	10922236
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Application Number:	11555085
Application Number:	11692085
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Application Number:	11958255
Application Number:	12174531
Application Number:	61093377
Application Number:	12550587
Application Number:	09970967
Application Number:	60288317
Application Number:	10215864
Application Number:	10412031
Application Number:	10270755
Application Number:	10346810
Application Number:	08984851
Application Number:	09006270

CORRESPONDENCE DATA

Fax Number: (714)844-4680

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: 7142366222

Email: paul.veravanich@meus.mea.com

Correspondent Name: POLAPHAT VERA VANICH

Address Line 1: 5900-A KATELLA AVENUE

Address Line 4: CYPRESS, CALIFORNIA 90630

NAME OF SUBMITTER:	POLAPHAT VERA VANICH
SIGNATURE:	/polaphat veravanich/
DATE SIGNED:	12/15/2015

Total Attachments: 13

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EXHIBIT D

PATENT ASSIGNMENT AGREEMENT

THIS PATENT ASSIGNMENT AGREEMENT ("Agreement") is made and entered into on March 31, 2014, with effect as of the commencement of business on the 1st day of April, 2014, and is delivered pursuant to the closing under that certain Asset Sale Agreement, made and entered into on March 31, 2014, with effect as of the commencement of business on the 1st day of April, 2014, by and between **Mitsubishi Electric Visual Solutions America, Inc.** (hereinafter referred to as "Assignor"), a Delaware corporation, with an address of 10833 Valley View Street, Cypress, CA 90630, and **Mitsubishi Electric US, Inc.** (hereinafter referred to as "Assignee"), a Delaware corporation, with an address of 5900-A Katella Avenue, Cypress, CA 90630.

WHEREAS, Assignor has title to and owns the patents and patent applications described in Schedule A, including all inventions disclosed therein, attached hereto and made a part of this Agreement (the "Patents");

WHEREAS, Assignee desires to acquire the Patents;

NOW, THEREFORE, in view of the promises and in consideration of the mutual covenants contained herein, the parties hereto agree as follows:

1. Assignment of Patents

For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, Assignor does hereby assign, transfer, and set over to Assignee all right, title, and interest in and to the Patents, including all inventions disclosed therein, and any continuation, divisional, renewal, substitute, reexamination, or reissue thereof or any legal equivalent thereof in the United States or a foreign country, and any and all claims for any past, present or future infringement thereof.

2. Successors and Assigns

This Agreement shall be binding upon and inure to the benefit of Assignor and Assignee, and their successors and assigns.

3. Governing Law

This Agreement shall be construed and enforced in accordance with and governed by the laws of the State of California.

4. Counterparts

This Agreement may be executed in multiple counterparts, each of which will be deemed an original for all purposes and all of which will be deemed collectively to be one

agreement. Execution may be effected by delivery of facsimiles of signature pages, and facsimiles of signatures will be deemed to be originals for all purposes of this Agreement.

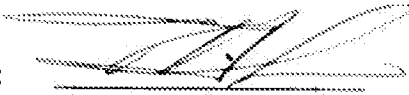
5. **Further Assurances.** Each party shall execute such further instruments and documents, and shall take such further action, in each case as the other party may reasonably request, in order to give full effect to the provisions of this Agreement or to enable the requesting party to have the quiet enjoyment of the rights and benefits intended to be provided to such party by this Agreement.

[Signature page follows]

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered as of the date first above written.

ASSIGNOR:

**MITSUBISHI ELECTRIC VISUAL
SOLUTIONS AMERICA, INC.**

By: 

Name: Tadashi Hiraoka

Title: President & CEO

ASSIGNEE:

MITSUBISHI ELECTRIC US, INC.

By: 

Name: Katsuya Takamiya

Title: President & CEO

Signature Page -- Patent Assignment Agreement

Schedule A to Patent Assignment Agreement

[Note: Patents or applications marked with "*" are abandoned, lapsed, or otherwise expired as of 3/4/2014.]

U.S. Patents

US Pat. No. 5303395*

US Pat. No. 5382753*

US Pat. No. 5517682*

US Pat. No. 5631706

US Pat. No. 5900916

US Pat. No. 5917631

US Pat. No. 6094238

US Pat. No. 6147719

US Pat. No. 6157416

US Pat. No. 6188448

US Pat. No. 6359398

US Pat. No. 6360893

US Pat. No. 6369864

US Pat. No. 6377319

US Pat. No. 6429894*

US Pat. No. 6496232

US Pat. No. 6529680

US Pat. No. 6545729

US Pat. No. 6565214

US Pat. No. 6684478

US Pat. No. 6688713

US Pat. No. 6714137
US Pat. No. 6717626
US Pat. No. 6755535*
US Pat. No. 6816201
US Pat. No. 6825888
US Pat. No. 6833879
US Pat. No. 6833880
US Pat. No. 6850419
US Pat. No. 6930730
US Pat. No. 6943696
US Pat. No. 6944876
US Pat. No. 6948692*
US Pat. No. 7161638
US Pat. No. 7196741
US Pat. No. 7315417
US Pat. No. 7456906
US Pat. No. 7530694
US Pat. No. 7619692*
US Pat. No. 7690017
US Pat. No. 7710504
US Pat. No. 7733429
US Pat. No. 7782407
US Pat. No. 7797718
US Pat. No. 7809210
US Pat. No. 7814516



US Pat. No. 7889678

US Pat. No. 7941821

US Pat. No. 7954126

US Pat. No. 8021000

US Pat. No. 8056104

US Pat. No. 8068183

US Pat. No. 8068184

US Pat. No. 8108891

US Pat. No. 8134649

US Pat. No. 8134650

US Pat. No. 8264619

US Pat. No. 8274611



US Pat. No. 8279357

US Pat. No. 8280192

US Pat. No. 8292080

US Pat. No. 8325282

U.S. Patent Applications

US Pat. Appl. Ser. No. 10/138464

US Pat. Appl. Ser. No. 10/663015

US Pat. Appl. Ser. No. 10/663016

US Pat. Appl. Ser. No. 11/459175



US Pat. Appl. Ser. No. 11/958246*

US Pat. Appl. Ser. No. 11/958249
US Pat. Appl. Ser. No. 12/099934
US Pat. Appl. Ser. No. 12/174413
US Pat. Appl. Ser. No. 12/551910*
US Pat. Appl. Ser. No. 12/174797
US Pat. Appl. Ser. No. 12/548606*
US Pat. Appl. Ser. No. 12/550598*
US Pat. Appl. Ser. No. 12/551136*
US Pat. Appl. Ser. No. 12/547009*
US Pat. Appl. Ser. No. 12/547030*
US Pat. Appl. Ser. No. 12/544833*
US Pat. Appl. Ser. No. 12/544937*
US Pat. Appl. Ser. No. 12/544858*
US Pat. Appl. Ser. No. 12/547044*
US Pat. Appl. Ser. No. 12/544377*
US Pat. Appl. Ser. No. 12/547064*
US Pat. Appl. Ser. No. 12/623183*
US Pat. Appl. Ser. No. 12/855216*
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US Pat. Appl. Ser. No. 12/854782*
US Pat. Appl. Ser. No. 13/027466*
US Pat. Appl. Ser. No. 61/502743*
US Pat. Appl. Ser. No. 13/184783*
US Pat. Appl. Ser. No. 61/502484*
US Pat. Appl. Ser. No. 13/285190



US Pat. Appl. Ser. No. 11/609546*

US Pat. Appl. Ser. No. 12/547763*

US Pat. Appl. Ser. No. 12/547745*

US Pat. Appl. Ser. No. 12/539457*

US Pat. Appl. Ser. No. 12/544388*

US Pat. Appl. Ser. No. 13/171827

US Pat. Appl. Ser. No. 11/958267*

US Pat. Appl. Ser. No. 09/465119*

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US Pat. Appl. Ser. No. 10/922236*

US Pat. Appl. Ser. No. 10/972048*

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US Pat. Appl. Ser. No. 11/958255*

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US Pat. Appl. Ser. No. 12/550587*

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US Pat. Appl. Ser. No. 60/288317*



US Pat. Appl. Ser. No. 10/215864*

US Pat. Appl. Ser. No. 10/412031*

US Pat. Appl. Ser. No. 10/270755*

US Pat. Appl. Ser. No. 10/346810*

US Pat. Appl. Ser. No. 08/984851*

US Pat. Appl. Ser. No. 09/006270*

Foreign Patents and Applications

CA 2258433*

CN 1330275*

CN 1200317*

JP 2001136210*

JP 2002055392*

PCT US01014892*

CA 2418058*

PCT US01025634*

CA 2418451*

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