

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MOBILEYE TECHNOLOGIES LIMITED	11/25/2014
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16183623
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<b>SIGNATURE:</b>	/CECELIA BROWN/
<b>DATE SIGNED:</b>	12/18/2020
<b>Total Attachments: 3</b>	
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ASSIGNMENT OF PATENT

U.S. Patent Nos.: 6704621; 7,113,867; 7,151,996; 6,219,444; 8,082,101; 8,164,628; 7,786,898; 8,378,851; 8,553,088; 7,566,851; 7,576,639; 8,064,643; 8,254,635; 8,300,058; 7,995,067; 8,656,221; 8,538,205; 8,892,853;

U.S. Patent Application Nos.: 13/453,516; 13/747,657; 14/027,488; 13/235,602; 12/112,172; 12/352,871; 13/484,684; 13/313,227; 13/283,701; 13/237,163; 13/455,719; 13/493,136; 13/693,713; 13/710,564; 14/180,548; 14/182,715; 14/185,217; 13/557,337; 13/621,308; ; 13/664,475; 14/043,030; 14/181,861 ;

U.S. Patent Application Nos (Abandoned): 10/599,635; 11/459,712; 11/836,152; 12/131,173; 12/272,290; 12/352,871;

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, **Mobileye Technologies Limited**, a private limited company organized under the laws of Cyprus, having an address at Greg Tower, 7 Florinis Street, P.O. Box 24854, Nicosia 1034, Cyprus (Assignor), hereby sells, assigns, transfers and sets over to **Mobileye Vision Technologies Ltd.** a private limited company organized under the laws of Israel, having an address at 13 Hartom St. P.O.B. 45157, Har Hotzvim, Jerusalem 9777513, Israel (Assignee) and to the successors and assigns of Assignee, the entire right, title and interest in the invention or improvements of the undersigned disclosed in U.S. Patents/Application Nos. mentioned in the attached schedule of patents, effective July 23, 2014; THEREOF, and in said patents and any and all other applications, both United States and foreign, which the undersigned may have filed and/or may file, either solely or jointly with others, on said inventions or improvements in any United States or foreign patent application claiming priority from, or claiming the same or improved invention as, any or all of the applications upon which said U.S. Patents issued, and in any and all Letters Patent or industrial models of the United States and foreign countries which may be obtained on any of said applications and in any reissue or extension of such patents, for the full term or terms for which said Patent, Patents or Industrial Design are or may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made; together with all claims for damages by reason of past infringement of any or all of said Patents with the right to sue for and collect the same.

Assignor warrants itself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment. Assignor hereby covenants that no other assignment, sale, agreement or encumbrance will be made or entered into which would conflict with this sale and assignment.

Assignor further covenants that Assignee will, upon its request and at the expense of Assignee, be provided promptly with all pertinent facts and documents relating to said inventions and said Letters Patents and legal equivalents as may be known and accessible to Assignor and will testify or cause appropriate persons to testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute or have executed, to the best of its ability, and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce any and all of said applications, said inventions and said letters patent and foreign equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN TESTIMONY WHEREOF, each party has caused its authorized representative to execute this Assignment.

MOBILEYE TECHNOLOGIES LIMITED

By: \_\_\_\_\_

Name: Ofer Maharshak

Title: Director

Date: November 25, 2014

MOBILEYE VISION TECHNOLOGIES LTD.

By: \_\_\_\_\_

Name: Ziv Aviram

Title: President & CEO

Date: November 25, 2014

**Schedule of Patents/ Patent applications**

<b>Patent/Appl. #</b>	<b>Title</b>
6704621	System and Method for Estimating Ego-Motion of a Moving Vehicle Using Successive Images Recorded Along the Vehicle's Path of Motion
7,113,867	System and Method for Detecting Obstacles to Vehicle Motion and Determining Time to Contact Therewith Using a Sequence of Images
7,151,996	System and Method for Generating a Model of the Path of a Roadway from an Image Recorded by Camera
6,219,444	Synthesizing virtual two dimensional images of three dimensional space from a collection of real two dimensional images
8,082,101	Collision Warning System
8,164,628	Estimating Distance To An Object Using A Sequence Of Images Recorded By A Monocular Camera
13/453,516	Estimating Distance To An Object Using A Sequence Of Images Recorded By A Monocular Camera
7,786,898	Fusion of Far Infrared and Visible Images In Enhanced Obstacle Detection in Automotive Applications
8,378,851	Fusion of Images in Enhanced Obstacle Detection
13/747,657	Fusion of Far Infrared and Visible Images In Enhanced Obstacle Detection in Automotive Applications
8,553,088	System and Method for Detecting Obstructions in a Camera Field of View
14/027,488	System and Method for Detecting Obstructions in a Camera Field of View
7,566,851	Headlight, Taillight And Streetlight Detection
7,576,639	System and Method for Detecting Pedestrians in the Vicinity of a Powered Industrial Vehicle
8,064,643	Detecting And Recognizing Traffic Signs
13/235,602	Detecting And Recognizing Traffic Signs
12/112,172	Rear Obstruction Detection
12/352,871	Detection and Classification of Light Sources Using a Diffraction Grating
8,254,635	Bundling of driver assistance systems
13/484,684	Adjustable camera mount for a vehicle windshield
13/313,227	Forward Collision Warning Trap And Pedestrian Advanced Warning System
13/283,701	Bundling Night Vision and Other Driver Assistance Systems (DAS) Applications Using Near Infra Red (NIR) Illumination and a Rolling Shutter
13/237,163	Barrier and guardrail detection using a single camera
13/455,719	Pedestrian collision warning system
13/493,136	Improved object detection using candidate object alignment
13/693,713	Road Vertical Contour Detection
13/710,564	Detection Of Obstacles At Night By Analysis Of Shadows
14/180,548	Monocular Cued Detection Of Three-Dimensional Structures From Depth Images
14/182,715	Dense Structure from Motion
14/185,217	Image Distortion Correction Of A Camera With A Rolling Shutter
8,300,058	ELUT: Enhanced Look-Up Table Signal Processing
8,892,853	Hardware to support looping code in an image Processing system
7,995,067	Cyclical Image Buffer
8,656,221	System On Chip Breakpoint Methodology
8,538,205	Multi-Function Summing Machine
13/557,337	Computer Architecture With A Hardware Accumulator Reset
13/621,308	System And Method To Arbitrate Access To Memory

13/664,475	Arithmetic Logic Unit
14/043,030	Performing A Histogram Using An Array Of Addressable Registers
14/181,861	Topology preserving intensity binning on reduced resolution grid of adaptive weighted cells

**Abandoned Patent Applications**

<u>US App. #</u>	
10/599,635	Pedestrian Detection
11/459,712	Gain Control Method For A Camera To Support Multiple Conflicting Applications Concurrently
11/836,152	Symmetric Filter Patterns For Enhanced Performance Of Single And Concurrent Driver Assistance Applications
12/131,173	Scheduling of Multiple Tasks in a System Including Multiple Computing Elements
12/272,290	Gated storage system and method for synchronization of data between multiple multi-threaded processors
12/352,871	Detection and Classification of Light Sources Using a Diffraction Grating