

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4828552

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	10/01/2006

CONVEYING PARTY DATA

Name	Execution Date
AUTOMOTIVE SYSTEMS LABORATORY, INC.	10/01/2006

RECEIVING PARTY DATA

Name:	TK HOLDINGS INC.
Street Address:	2500 TAKATA DRIVE
City:	AUBURN HILLS
State/Country:	MICHIGAN
Postal Code:	48326

PROPERTY NUMBERS Total: 30

Property Type	Number
Patent Number:	6287400
Patent Number:	6341799
Patent Number:	6379627
Patent Number:	6547277
Patent Number:	6764096
Patent Number:	7052041
Patent Number:	7094296
Patent Number:	7137646
Patent Number:	7178828
Patent Number:	7178830
Patent Number:	7204512
Patent Number:	7267365
Patent Number:	7341615
Patent Number:	7438316
Patent Number:	7527290
Patent Number:	7591481
Patent Number:	7667045
Patent Number:	7686901
Patent Number:	7762585

PATENT

Property Type	Number
Patent Number:	7776169
Patent Number:	7789018
Patent Number:	7806221
Patent Number:	7814838
Patent Number:	8172027
Patent Number:	8608196
Patent Number:	8622419
Patent Number:	8672351
Patent Number:	8784585
Patent Number:	9046327
Patent Number:	7654565

CORRESPONDENCE DATA

Fax Number: (212)310-8007
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: 212.310.8437
Email: juan.arias@weil.com
Correspondent Name: DENNIS F. ADAMS
Address Line 1: WEIL, GOTSHAL & MANGES LLP
Address Line 2: 767 FIFTH AVENUE
Address Line 4: NEW YORK, NEW YORK 10153

NAME OF SUBMITTER:	DENNIS F. ADAMS
SIGNATURE:	/DENNIS F. ADAMS/
DATE SIGNED:	02/16/2018

Total Attachments: 8
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Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THAT "TK HOLDINGS INC." IS DULY INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL CORPORATE EXISTENCE NOT HAVING BEEN CANCELLED OR DISSOLVED SO FAR AS THE RECORDS OF THIS OFFICE SHOW AND IS DULY AUTHORIZED TO TRANSACT BUSINESS.

THE FOLLOWING DOCUMENTS HAVE BEEN FILED:

CERTIFICATE OF INCORPORATION, FILED THE THIRTEENTH DAY OF NOVEMBER, A.D. 1989, AT 10 O'CLOCK A.M.

CERTIFICATE OF AMENDMENT, FILED THE TWENTY-FOURTH DAY OF JUNE, A.D. 1991, AT 4 O'CLOCK P.M.

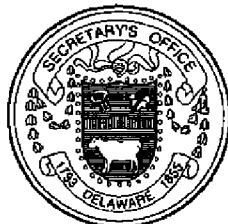
CERTIFICATE OF OWNERSHIP, FILED THE THIRTY-FIRST DAY OF MARCH, A.D. 1994, AT 1:01 O'CLOCK P.M.

CERTIFICATE OF AGREEMENT OF MERGER, FILED THE THIRTY-FIRST DAY OF MARCH, A.D. 1994, AT 1:02 O'CLOCK P.M.

CERTIFICATE OF CORRECTION, FILED THE EIGHTH DAY OF JULY, A.D. 1994, AT 3:30 O'CLOCK P.M.

CERTIFICATE OF OWNERSHIP, FILED THE THIRTIETH DAY OF SEPTEMBER, A.D. 1997, AT 9 O'CLOCK A.M.

CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-FIFTH DAY OF



2213152 8310

061147326

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 5280637

DATE: 12-14-06

PATENT
REEL: 044954 FRAME: 0648

Delaware

PAGE 2

The First State

MARCH, A.D. 1999, AT 9 O'CLOCK A.M.

CERTIFICATE OF OWNERSHIP, FILED THE NINTH DAY OF SEPTEMBER,
A.D. 2005, AT 11:38 O'CLOCK A.M.

CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-SIXTH DAY OF
SEPTEMBER, A.D. 2006, AT 5:25 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF
THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE FIRST DAY OF
OCTOBER, A.D. 2006, AT 12:01 O'CLOCK A.M.

CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-SIXTH DAY OF
SEPTEMBER, A.D. 2006, AT 5:43 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF
THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE FIRST DAY OF
OCTOBER, A.D. 2006, AT 12:01 O'CLOCK A.M.

CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-SIXTH DAY OF
SEPTEMBER, A.D. 2006, AT 5:44 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF
THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE FIRST DAY OF
OCTOBER, A.D. 2006, AT 12:01 O'CLOCK A.M.

CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-SIXTH DAY OF
SEPTEMBER, A.D. 2006, AT 5:45 O'CLOCK P.M.



2213152 8310

061147326

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 5280637

DATE: 12-14-06

PATENT
REEL: 044954 FRAME: 0649

Delaware

PAGE 3

The First State

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE FIRST DAY OF OCTOBER, A.D. 2006, AT 12:01 O'CLOCK A.M.

CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-SIXTH DAY OF SEPTEMBER, A.D. 2006, AT 5:46 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE FIRST DAY OF OCTOBER, A.D. 2006, AT 12:01 O'CLOCK A.M.

CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-SIXTH DAY OF SEPTEMBER, A.D. 2006, AT 5:47 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE FIRST DAY OF OCTOBER, A.D. 2006, AT 12:01 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE AFORESAID CERTIFICATES ARE THE ONLY CERTIFICATES ON RECORD OF THE AFORESAID CORPORATION, "TK HOLDINGS INC.".

AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL REPORTS HAVE BEEN FILED TO DATE.

AND I DO HEREBY FURTHER CERTIFY THAT THE FRANCHISE TAXES HAVE BEEN PAID TO DATE.

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Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 5280637

DATE: 12-14-06

PATENT
REEL: 044954 FRAME: 0650

Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED ARE TRUE AND CORRECT COPIES OF ALL DOCUMENTS ON FILE OF "TK HOLDINGS INC." AS RECEIVED AND FILED IN THIS OFFICE.

THE FOLLOWING DOCUMENTS HAVE BEEN CERTIFIED:

CERTIFICATE OF INCORPORATION, FILED THE THIRTEENTH DAY OF NOVEMBER, A.D. 1989, AT 10 O'CLOCK A.M.

CERTIFICATE OF AMENDMENT, FILED THE TWENTY-FOURTH DAY OF JUNE, A.D. 1991, AT 4 O'CLOCK P.M.

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CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-FIFTH DAY OF MARCH, A.D. 1999, AT 9 O'CLOCK A.M.

CERTIFICATE OF OWNERSHIP, FILED THE NINTH DAY OF SEPTEMBER,



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Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 5280638

DATE: 12-14-06

PATENT
REEL: 044954 FRAME: 0651

Delaware

PAGE 2

The First State

A.D. 2005, AT 11:38 O'CLOCK A.M.

CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-SIXTH DAY OF
SEPTEMBER, A.D. 2006, AT 5:25 O'CLOCK P.M.

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CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-SIXTH DAY OF
SEPTEMBER, A.D. 2006, AT 5:45 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF
THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE FIRST DAY OF



2213152 8100H

061147326

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 5280638

DATE: 12-14-06

PATENT
REEL: 044954 FRAME: 0652

Delaware

PAGE 3

The First State

OCTOBER, A.D. 2006, AT 12:01 O'CLOCK A.M.

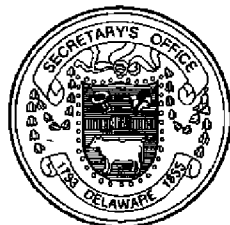
CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-SIXTH DAY OF
SEPTEMBER, A.D. 2006, AT 5:46 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF
THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE FIRST DAY OF
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CERTIFICATE OF OWNERSHIP, FILED THE TWENTY-SIXTH DAY OF
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AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF
THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE FIRST DAY OF
OCTOBER, A.D. 2006, AT 12:01 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE AFORESAID
CERTIFICATES ARE THE ONLY CERTIFICATES ON RECORD OF THE
AFORESAID CORPORATION, "TK HOLDINGS INC.".



2213152 8100H
061147326

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 5280638

DATE: 12-14-06

PATENT
REEL: 044954 FRAME: 0653

State of Delaware
Secretary of State
Division of Corporations
Delivered 05:43 PM 09/26/2006
FILED 05:46 PM 09/26/2006
SRV 060887368 - 2213152 FILE

CERTIFICATE OF OWNERSHIP AND MERGER

OF

AUTOMOTIVE SYSTEMS LABORATORY, INC.
(a Delaware corporation)

INTO

TK HOLDINGS INC.
(a Delaware corporation)

(Pursuant to Section 253 of the
Delaware General Corporation Law)

It is hereby certified that:

1. TK Holdings Inc. (hereinafter sometimes referred to as the "Corporation") is a business corporation of the State of Delaware.

2. The Corporation is the owner of all of the outstanding shares of the stock of Automotive Systems Laboratory, Inc., which is also a business corporation of the State of Delaware.

3. On September 20, 2006, the Board of Directors of the Corporation duly adopted the following resolutions to merge Automotive Systems Laboratory, Inc. into the Corporation:

RESOLVED, that Automotive Systems Laboratory, Inc. be merged into the Corporation, and that all of the estate, property, rights, privileges, powers and franchises of Automotive Systems Laboratory, Inc. be vested in and held and enjoyed by the Corporation as fully and entirely and without change or diminution as the same were before held and enjoyed by Automotive Systems Laboratory, Inc. in its name.

RESOLVED, that the Corporation shall assume all of the obligations of Automotive Systems Laboratory, Inc.

RESOLVED, that the merger shall become effective as of 12:01 a.m. on October 1, 2006.

RESOLVED, that the Corporation shall cause to be executed and filed and/or recorded the documents prescribed by the laws of the State of Delaware and by the laws of any other appropriate jurisdiction and will cause to be performed all necessary acts within the State of Delaware and within any other appropriate jurisdiction.

RESOLVED, that each of the officers of the Corporation is hereby authorized and directed to execute any documents or take any such actions, in the name and on behalf of the Corporation, which in the opinion of such officer are necessary or appropriate to carry out the intent of the foregoing resolutions.

4. The merger herein certified shall become effective as of 12:01 a.m. on October 1, 2006.

Executed on September 22, 2006.

TK HOLDINGS INC.

By: 

Shunkichi Shimizu
President and Chief Operating Officer