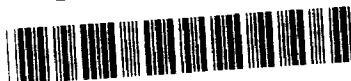


04-29-2008



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

80.8E-10

1. Name of conveying party(ies)

JPMorgan Chase Bank, N.A.

2. Name and address of receiving party(ies)

Name: Delphi Technologies, Inc.

Internal Address: _____

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) February 25, 2008

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other Release of Security Agreement

Street Address: 5725 Delphi Drive

City: Troy

State: Michigan

Country: USA Zip: 48098

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

5610619
5867886
5964816

Additional numbers attached? Yes No

OPR/FINANCE
005 APR 28 AM 11:30

5. Name and address to whom correspondence concerning document should be mailed:

Name: Michael D. Smith

Internal Address: Delphi Corporation

Legal Staff - M/C: 480-410-202

Street Address: 5725 Delphi Drive

City: Troy

State: Michigan Zip: 48098

Phone Number: 248-813-1250

Fax Number: 248-813-1211

Email Address: michael.d.smith@delphi.com

6. Total number of applications and patents involved: 33

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 1,320.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-0831

Authorized User Name Delphi Technologies, Inc.

9. Signature:

Signature

23 April 2008

Date

Michael D. Smith

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 18
84728/2008 DISTRICT 80000187 500031 5610619

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: DA
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CONTINUATION OF ITEM 4

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**RELEASE OF SECURITY AGREEMENT COVERING
INTERESTS IN PATENTS**

JPMorgan Chase Bank, N.A., solely in its role as administrative agent on behalf of the lenders party to that certain Credit Agreement, as defined in that certain Grant of Security Interest in Patent Rights, dated as of June 14, 2005, made by Delphi Technologies, Inc. in favor of JPMorgan Chase Bank, N.A. (the "Secured Party") and recorded with the United States Patent and Trademark Office (the "Grant of Security Interest"), hereby releases any security interest, lien or other interest it may have in any interests of Delphi Technologies, Inc. and any of its subsidiaries in the patents, patent applications and patented works set forth on Schedule A attached hereto and created by the Grant of Security Interest.

Dated: February 25, 2008

By: Susan E. Atkins

Name: Susan E. Atkins

Title: Managing Director

STATE OF New York)

COUNTY OF New York) : ss.:

On this 25th day of February, before me personally came Susan E. Atkins, to me known, who, being by me duly sworn, did depose and say that he/she is the Managing Director of JPMorgan Chase Bank, N.A., the Secured Party described in and which executed the foregoing instrument; and that he/she signed his/her name thereto by order of said Secured Party.

Arlene N. Gibbs
Notary Public

ARLENE N. GIBBS
Notary Public, State of New York
No. 01G1602531
Qualified in Nassau County
Commission Expires June 1, 20 11

Exhibit A

Patent/Publication No.	Assignee / Applicant	Title
US5027432A	Delco Electronics Corporation	Motor vehicle radio with an automatic volume control device
US5034342A	Delco Electronics Corporation	Method of forming semiconductor stalk structure by epitaxial growth in trench
US5037182A	Delco Electronics Corporation	Rearview mirror head-up display
US5047358A	Delco Electronics Corporation	Process for forming high and low voltage CMOS transistors on a single integrated circuit chip
US5070037A	Delco Electronics Corporation	Integrated circuit interconnect having dual dielectric intermediate layer
US5122929A	Delco Electronics Corporation	Method of achieving selective inhibition and control of adhesion in thick-film conductors
US5151777A	Delco Electronics Corporation	Interface device for thermally coupling an integrated circuit to a heat sink
US5153143A	Delco Electronics Corporation	Method of manufacturing CMOS integrated circuit with EEPROM
US5164611A	Delco Electronics Corporation	Low noise communication bus driver
US5164698A	Delco Electronics Corporation	Post-termination apparatus and process for thick film resistors of printed circuit boards
US5169679A	Delco Electronics Corporation	Post-termination apparatus and process for thick film resistors of printed circuit boards
US5220200A	Delco Electronics Corporation	Provision of substrate pillars to maintain chip standoff
US5221644A	Delco Electronics Corporation	Thick film sense resistor composition and method of using the same
US5252858A	Delco Electronics Corporation	Refractory covercoat for semiconductor devices
US5261004A	Delco Electronics Corporation	Noise blanking circuit for AM stereo
US5337021A	Delco Electronics Corp.	High density integrated circuit with high output impedance
US534119A	Delco Electronics Corporation	Measurement circuit utilizing a low TCR thick film sense resistor
US5341431A	Delco Electronics Corporation	AM stereo detection and audio processing apparatus
US5359661A	Delco Electronics Corporation	Out-of-lock detector for synchronous AM detection
US5361305A	Delphi Technologies Inc.	Automated system and method for automotive audio test
US5369057A	Delco Electronics Corporation	Method of making and sealing a semiconductor device having an air path therethrough
US5369300A	Delco Electronics Corporation	Multilayer metallization for silicon semiconductor devices including a diffusion barrier formed of amorphous tungsten/silicon
US5394203A	Delco Electronics Corporation	Retracting head up display with image position adjustment
US5400950A	Delco Electronics Corporation	Method for controlling solder bump height for flip chip integrated circuit devices
US5408448A	Delco Electronics Corporation	Device and method for CD shuffle play
US5413955A	Delco Electronics Corporation	Method of bonding silicon wafers at temperatures below 500 degrees centigrade for sensor applications
US5414439A	Delco Electronics Corporation	Head up display with night vision enhancement

Patent/Publication No.	Assignee / Applicant	Title
US5427975A	Delco Electronics Corporation	Method of micromachining an integrated sensor on the surface of a silicon wafer
US5428829A	Delco Electronics Corporation	Method and apparatus for tuning and aligning an FM receiver
US5445450A	Delco Electronics Corp.	Circuit board support
US5448948A	Delco Electronics Corporation	Squeegee for thick film screen printing processes
US5450221A	Delco Electronics Corporation	Compact liquid crystal display for instrument panel having a wrap around flexible printed circuit board and translucent web
US5456109A	Delco Electronics Corporation	Thick film rotational accelerometer having two structurally integrated linear acceleration sensors
US5457575A	Delco Electronics Corporation	Retracting head up display with fine adjustment of combiner
US5461008A	Delco Electronics Corporation	Method of preventing aluminum bond pad corrosion during dicing of integrated circuit wafers
US5463367A	Delco Electronics Corp.	Method for forming thick film resistors and compositions therefor
US5475263A	Delco Electronics Corp.	Thick film hybrid multilayer circuit
US5475566A	Delco Electronics Corporation	Interlocking housing and case assembly having a circuit board disposed parallel to a front panel
US5475567A	Delco Electronics Corp.	Method for hermetically sealing a single layer ceramic thick film electronic module
US5482200A	Delco Electronics Corporation	Method for applying solder to a fine pitch flip chip pattern
US5486840A	Delco Electronics Corporation	Head up display with incident light filter
US5491364A	Delco Electronics Corporation	Reduced stress terminal pattern for integrated circuit devices and packages
US5491890A	Delco Electronics Corp.	Method of mounting electronic components on a circuit board
US5513218A	Delco Electronics Corp.	Compensation for ground voltage variation on a communication bus
US5517686A	Delco Electronics Corporation	Diversity receiver for FM stereo utilizing a pilot tone multiple for phase alignment of received signals
US5527627A	Delco Electronics Corp.	Ink composition for an ultra-thick thick film for thermal management of a hybrid circuit
US5530388A	Delco Electronics Corporation	Parabolic current generator for use with a low noise communication bus driver
US5534816A	Delco Electronics Corporation	Programmable transducer amplifier circuit
US5545915A	Delco Electronics Corporation	Semiconductor device having field limiting ring and a process therefor
US5547740A	Delco Electronics Corporation	Solderable contacts for flip chip integrated circuit devices
US5563447A	Delco Electronics Corp.	High power semiconductor switch module
US5603620A	Delco Electronics Corp.	Integrated printed circuit connector and ground clip assembly
US5607099A	Delco Electronics Corporation	Solder bump transfer device for flip chip integrated circuit devices
US5608348A	Delco Electronics Corporation	Binary programmable current mirror
US5610619A	Delco Electronics Corporation	Backlite antenna for AM/FM automobile radio having broadband FM reception
US5621240A	Delco Electronics Corp.	Segmented thick film resistors
US5629486A	Delco Electronics Corporation	Pressure sensor apparatus with integrated circuit mounted thereon

Patent/Publication No.	Assignee / Applicant	Title
US5631602A	Delco Electronics Corporation	Wheatstone bridge amplifier circuit with integrated diagnostic testing
US5632667A	Delco Electronics Corporation	No coat backside wafer grinding process
US5644505A	Delco Electronics Corporation	Universal audio analyzer
US5661811A	Delphi Technologies Inc.	Rear seat audio control with multiple media
US5663508A	Delco Electronics Corporation	Silicon flow sensor
US5664167A	Delco Electronics Corporation	Microprogrammed timer processor having a variable loop resolution architecture
US5671530A	Delco Electronics Corporation	Flip-chip mounting assembly and method with vertical water feeder
US5672528A	Delco Electronics Corporation	Method for making semiconductor device having field limiting ring
US5675297A	Delco Electronics Corporation	Integrated pulse-width modulation circuit with thermal shutdown circuit
US5699024A	Delco Electronics Corporation	Accurate Integrated oscillator circuit
US5701330A	Delco Electronics Corporation	Serial communication method and apparatus
US5706565A	Delco Electronics Corporation	Method for making an all-silicon capacitive pressure sensor
US5714959A	Delco Electronics Corporation	Glass patch cellular antenna
US5716552A	Delco Electronics Corp.	Thick-film conductor compositions comprising silver or palladium particles coated with alumina or zirconia
US5719069A	Delco Electronics Corporation	One-chip integrated sensor process
US5721162A	Delco Electronics Corporation	All-silicon monolithic motion sensor with integrated conditioning circuit
US5731902A	Delco Electronics Corporation	Head-up display combiner binocular test fixture
US5734506A	Delco Electronics Corporation	Head up display projection system having a double reflecting primary mirror
US5734971A	Delco Electronics Corporation	Adaptive system for determining radio frequency at vehicle start-up
US5770477A	Delco Electronics Corporation	Flip chip-on-flip chip multi-chip module
US5774342A	Delco Electronics Corporation	Electronic circuit with integrated terminal pins
US5790079A	Delco Electronics Corporation	Backlite antenna for AM/FM automobile radio
US5803340A	Delco Electronics Corporation	Composite solder paste for flip chip bumping
US5803344A	Delco Electronics Corp.	Dual-solder process for enhancing reliability of thick-film hybrid circuits
US5813765A	Delco Electronics Corporation	Exterior temperature sensor on antenna finial
US5831162A	Delco Electronics Corporation	Silicon micromachined motion sensor and method of making
US5856941A	Delco Electronics Corporation	One-time programmable latch which allows volatile writes prior to permanent programming
US5867886A	Delco Electronics Corp.	Method of making a thick film pressure sensor
US5879572A	Delco Electronics Corporation	Method of protecting silicon wafers during wet chemical etching
US5891754A	Delco Electronics Corp.	Method of inspecting integrated circuit solder joints with x-ray detectable encapsulator
US5891756A	Delco Electronics Corporation	Process for converting a wire bond pad to a flip chip solder bump pad and pad formed thereby
US5898359A	Delco Electronics Corp.	Diffusion-barrier materials for thick-film piezoresistors and sensors formed therewith

Patent/Publication No.	Assignee / Applicant	Title
US5899949A	Delco Electronics Corp.	Deployment control method for distributed architecture supplemental restraint system
US5910334A	Delco Electronics Corporation	Method of manufacture for a thick film multi-layer circuit
US5910668A	Delco Electronics Corporation	Method of making a insulated gate bipolar transistor with high- energy P. implant and silicon-etch contact
US5914535A	Delco Electronics Corporation	Flip chip-on-flip chip multi-chip module
US5915281A	Delco Electronics Corporation	Silicon force and displacement sensor
US5928568A	Delco Electronics Corporation	Thick film circuit having conductor composition with coated metallic particles
US5930604A	Delco Electronics Corporation	Encapsulation method for fine-pitch chip-on-board
US5932809A	Delco Electronics Corporation	Sensor with silicon strain gage
US5936164A	Delco Electronics Corporation	All-silicon capacitive pressure sensor
US5936470A	Delco Electronics Corporation	Audio amplifier having linear gain control
US5937337A	Delco Electronics Corporation	Method and apparatus for reducing FM intrusion in AM receivers
US5940518A	Delphi Technologies Inc.	Method and apparatus for indicating speaker faults
US5953814A	Delco Electronics Corp.	Process for producing flip chip circuit board assembly exhibiting enhanced reliability
US5954775A	Delco Electronics Corp.	Dual rate communication protocol
US5956703A	Delco Electronics Corporation	Configurable neural network Integrated circuit
US5964816	Delco Electronics Corp.	Address communication method for a distributed architecture supplemental inflatable restraint system
US5982158A	Delco Electronics Corporation	Smart IC power control
US5983087A	Delco Electronics Corporation	Distributed digital signal processing for vehicle audio systems
US5995512A	Delco Electronics Corporation	High speed multimedia data network
US6007867A	Delco Electronics Corp.	Method of manufacturing a thick film circuit with improved dielectric feature definition
US6011319A	Delco Electronics Corp.	Integrated circuit assembly for power and electronics
US6011422A	Delco Electronics Corporation	Integrated differential voltage amplifier with programmable gain and input offset voltage
US6011698A	Deice Electronics Corp.	Circuit protection from radio frequency energy
US6012223A	Delco Electronics Corp.	Process for structurally securing stick-leaded components to a circuit board
US6043937A	Delphi Technologies, Inc.	Head up display system using a diffusing image plane
US6046511A	Delco Electronics Corporation	Fault tolerant power supply and bus topology for a distributed architecture supplemental restraint system
US6071371A	Delco Electronics Corporation	Method of simultaneously attaching surface-mount and chip-on-board dies to a circuit board
US6074891A	Delco Electronics Corporation	Process for verifying a hermetic seal and semiconductor device therefor
US6078622A	Delco Electronics Corporation	Distributed digital radio system
US6081996A	Delco Electronics Corporation	Through hole circuit board interconnect

Patent/Publication No.	Assignee / Applicant	Title
US6109369A	Delphi Technologies, Inc.	Chip scale package
US6127272A	Delco Electronics Corp.	Semiconductor substrate subassembly with alignment and stress relief features
US6143355A	Delphi Technologies, Inc.	Print alignment method for multiple print thick film circuits
US6150041A	Delphi Technologies, Inc.	Thick-film circuits and metallization process
US6154364A	Delco Electronics Corp.	Circuit board assembly with IC device mounted thereon
US6156980A	Delco Electronics Corp.	Flip chip on circuit board with enhanced heat dissipation and method therefor
US6164522A	Delphi Technologies, Inc.	Method of manufacturing a thick film circuit with constrained adhesive spreading
US6180164B1	Delco Electronics Corporation	Method of forming ruthenium-based thick-film resistors
US6180265B1	Delco Electronics Corporation	Flip chip solder bump pad
US6180436B1	Delco Electronics Corporation	Method for removing heat from a flip chip semiconductor device
US6185163B1	Delco Electronics Corporation	Vehicle audio system having random access player with play list control
US6193567B1	Delphi Technologies, Inc.	Female terminal for printed circuit board
US6220876B1	Delphi Technologies, Inc.	Electrical Interconnect system and method for integrating a bussed electrical distribution center with a printed circuit board
US6233159B1	Delco Electronics Corporation	Bracket for supporting and aligning a circuit component with respect to a circuit board
US6233817B1	Delphi Technologies, Inc.	Method of forming thick-film hybrid circuit on a metal circuit board
US6256557B1	Delphi Technologies, Inc.	Vehicle serial data bus communication protocol and method
US6262489B1	Delphi Technologies, Inc.	Flip chip with backside electrical contact and assembly and method therefor
US6266023B1	Delphi Technologies, Inc.	Automotive radio frequency antenna system
US6304423B1	Delphi Technologies, Inc.	Input protection circuit for a semiconductor device
US6307516B1	Delphi Technologies, Inc.	Antenna for automobile radio
US6328914B1	Delphi Technologies, Inc.	Thick-film paste with insoluble additive
US6331838B1	Delphi Technologies, Inc.	Flexible vehicle antenna
US635341581	Delphi Technologies, Inc.	Molded in place antenna assembly and method of making same
US6365964B1	Delphi Technologies, Inc.	Heat-dissipating assembly for removing heat from a flip chip semiconductor device
US6389273B1	Delphi Technologies, Inc.	Adjacent channel interference reduction in a FM receiver
US6396777B1	Delphi Technologies, Inc.	Compact disk player instant-on feature
US6402321B1	Delphi Technologies, Inc.	Head up display with modular projection system
US6415394B1	Delphi Technologies, Inc.	Method and circuit for analysis of the operation of a microcontroller using signature analysis during operation
US6421790B1	Delphi Technologies, Inc.	Method and circuit for analysis of the operation of a microcontroller using signature analysis of data and instructions
US6430120B1	Delphi Technologies, Inc.	Method and apparatus for providing a resume function for a disc player
US6449840B1	Delphi Technologies, Inc.	Column grid array for flip-chip devices
US6470178B1	Delphi Technologies, Inc.	Vehicle radio having RDS presets and method therefor
US6472251B1	Delphi Technologies, Inc.	Method for integrated circuit packaging

Patent/Publication No.	Assignee / Applicant	Title
US6476480B1	Delphi Technologies, Inc.	Press-fit IC power package and method therefor
US6501944B1	Delphi Technologies, Inc.	Radio reception apparatus and method for the control of a radio receptor []
		Mobile weather band radio and method
US6535396B1	Delphi Technologies, Inc.	Combination circuit board and segmented conductive [] substrate
US6537892B2	Delphi Technologies, Inc.	Glass frit water bonding process and packages formed thereby
US6555856B1	Delphi Technologies, Inc.	Semiconductor device with means for verifying a hermetic seal therefor
US6560110B1	Delphi Technologies, Inc.	Corrosive resistant flip chip thermal management structure
US6574048B2	Delphi Technologies, Inc.	Method and apparatus for attenuating solar flux in a head-up display
US6593527B1	Delphi Technologies, Inc.	Integrated circuit assembly with bar bond attachment
US6617510B2	Delphi Technologies, Inc.	Stress relief bend useful in an integrated circuit redistribution patch
US6625688B1	Delphi Technologies, Inc.	Method and circuit for analysis of the operation of a microcontroller using signature analysis of memory
US6630251B1	Delphi Technologies, Inc.	Leach-resistant solder alloys for silver-based thick-film conductors
US6631551B1	Delphi Technologies, Inc.	Method of forming integral passive electrical components on organic circuit board substrates
US6655018B2	Delphi Technologies, Inc.	Technique for surface mounting electrical components to a circuit board
US6660560B2	Delphi Technologies, Inc.	No-flow underfill material and underfill method for flip chip devices
US6679100B2	Delphi Technologies, Inc.	Spark plug mounted thick film strain gauge
US6693239B2	Delphi Technologies, Inc.	Overmolded circuit board with underfilled surface-mount component and method therefor
US6700195B1	Delphi Technologies, Inc.	Electronic assembly for removing heat from a flip chip
US6714771B1	Delphi Technologies, Inc.	Broadcast radio signal seek circuit
US6725514B2	Delphi Technologies, Inc.	Method of making thick film pressure and temperature sensors on a stainless steel diaphragm
US6728522B1	Delphi Technologies, Inc.	Weather band radio and method of tuning same
US6758200B2	Delphi Technologies, Inc.	Ignition coil driver chip on printed circuit board for plughole coil housing
US6762453B1	Delphi Technologies, Inc.	Programmable memory transistor
US6804752B2	Delphi Technologies, Inc.	Event data protection method for a flash programmable microprocessor-based control module
US6807280B1	Delphi Technologies, Inc.	Audio signal processing circuit for reducing noise in an audio signal
US6809568B2	Delphi Technologies, Inc.	Dynamic on chip slew rate control for MOS integrated drivers
US6821816B1	Delphi Technologies, Inc.	Relaxed tolerance flip chip assembly
US6822327B1	Delphi Technologies, Inc.	Flip-chip interconnected with increased current-carrying capability
US6828172B2	Delphi Technologies, Inc.	Process for a monolithically-integrated micromachined sensor and circuit
US6829814B1	Delphi Technologies, Inc.	Process of making an all-silicon microphone
US6833628B2	Delphi Technologies, Inc.	Multi-chip module
US6834538B2	Delphi Technologies, Inc.	Spark plug mounted thick film strain gauge

Patent/Publication No.	Assignee / Applicant	Title
US6836134B2	Delphi Technologies, Inc.	Apparatus and method for determining leakage current between a first semiconductor, region and a second semiconductor region to be formed therein
US6842609B2	Delphi Technologies, Inc.	Radio having adjustable seek sensitivity based on average strength and method therefor
US6850743B2	Delphi Technologies, Inc.	Radio having adaptable seek sensitivity control and method therefor
US6861991B2	Delphi Technologies, Inc.	Independently mounted on-glass antenna module
US6864788B2	Delphi Technologies, Inc.	Actuator controller for selecting a communication language
US6875636B2	Delphi Technologies, Inc.	Wafer applied thermally conductive interposer
US6877114B2	Delphi Technologies, Inc.	On-chip instrumentation
US6879048B2	Delphi Technologies, Inc.	Glass frit wafer bonding process and packages formed thereby
US6879288B2	Delphi Technologies, Inc.	Interior patch antenna with ground plane assembly
US6895022B1	Delphi Technologies, Inc.	Distributed architecture communication system having bus voltage compensation
US6897378B2	Delphi Technologies, Inc.	Technique for surface mounting electrical components to a circuit board
US6897819B2	Delphi Technologies, Inc.	Apparatus for shaping the radiation pattern of a planar antenna near-held radar system
US6564131B2	Delphi Technologies, Inc.	Four-wheel steering algorithm with functional and diagnostic states and modes
US657265B2	Delphi Technologies, Inc.	Linear differential assisted controlled steering
US6578449B1	Delphi Technologies, Inc.	Snap-on steering column shroud
US6588541B2	Delphi Technologies, Inc.	Soft-disable damping for electric power steering
US6591937B2	Delphi Technologies, Inc.	Adaptive variable effort power steering system
US6592148B2	Delphi Technologies, Inc.	Steering column lower bracket
US6598393B2	Delphi Technologies, Inc.	Anti-theft steering lock
US6598695B1	Delphi Technologies, Inc.	Drive-by wire steering systems having a stop mechanism
US6615947B2	Delphi Technologies, Inc.	Apparatus and method for steering a vehicle
US6616185B2	Delphi Technologies, Inc.	Locking system for adjustable position steering column
US6637284B1	Delphi Technologies, Inc.	Position depend tilt and telescoping steering column
US6637540B2	Delphi Technologies, Inc.	Steerable drive axle with electrically-powered steering apparatus
US6637558B2	Delphi Technologies, Inc.	Magnetorheological steering damper
US6640171B2	Delphi Technologies, Inc.	Motor vehicle with supplemental rear steering having open and closed loop modes
US6640172B2	Delphi Technologies, Inc.	Dual gain algorithm for four wheel steering system
US6641167B2	Delphi Technologies, Inc.	Responsive E/A system for steering columns
US6647329B2	Delphi Technologies, Inc.	Damping of voltage-controlled brushless motors for electric power steering systems
US6652002B2	Delphi Technologies, Inc.	Crash responsive energy absorbing device for a steering column
US6655493B2	Delphi Technologies, Inc.	Steering column with non-compliant torque sensor
US6655494B2	Delphi Technologies, Inc.	Active front steering actuator and method for controlling a vehicle

Patent/Publication No.	Assignee / Applicant	Title
0S6655715B2	Delphi Technologies, Inc.	Mounting apparatus for motor vehicle steering column
US6658334B2	Delphi Technologies, Inc.	Static steering angle reducing algorithm for four wheel steering systems
US6658335B2	Delphi Technologies, Inc.	Method and apparatus for motor velocity measurement compensation in electric power steering damping
US6659218B2	Delphi Technologies, Inc.	Steering system
US6659504B2	Delphi Technologies, Inc.	Steering column for a vehicle
US6662912B2	Delphi Technologies, Inc.	Magneto-theological steering damper
US6678594B2	Delphi Technologies, Inc.	User-configurable steering control for steer-by-wire systems
US6678597B2	Delphi Technologies, Inc.	Complementary force and position control for an automotive steering system
US6681167B2	Delphi Technologies, Inc.	Vehicle chassis control with coordinated brake and steering control on split coefficient surface
US6687588B2	Delphi Technologies, Inc.	Compensation using position for improved feel and stability in a steering system
US6691819B2	Delphi Technologies, Inc.	Actuator for active front wheel steering system
US6695092B2	Delphi Technologies, Inc.	Steering actuator system
US6701237B2	Delphi Technologies, Inc.	Vehicle speed diagnostic algorithm for four-wheel steering systems
US6705419B2	Delphi Technologies, Inc.	Drive-by-wire steering systems having a center feel mechanism and methods of providing
US6705423B2	Delphi Technologies, Inc.	Apparatus and method for steering a vehicle
US6708794B2	Delphi Technologies, Inc.	Drive-by-wire steering systems having steering wheel return mechanism
US6719087B2	Delphi Technologies, Inc.	Control of independent steering actuators to improve vehicle stability and stopping
US6721629B2	Delphi Technologies, Inc.	Four wheel steering alignment process
US6721639B2	Delphi Technologies, Inc.	Hi-resolution digital steering sensor fault detection
US6745866B2	Delphi Technologies, Inc.	Soft-disable damping for electric power steering
US6749221B2	Delphi Technologies, Inc.	Active steering column energy absorbing device
US6749222B2	Delphi Technologies, Inc.	Responsive energy absorbing device for steering columns
US6761376B2	Delphi Technologies, Inc.	Steering column for a vehicle
US6776634B2	Delphi Technologies, Inc.,	Steering column switch
US6799780B2	Delphi Technologies, Inc.	Mounting apparatus for motor vehicle steering column
US6801125B1	Delphi Technologies, Inc.	Rear steering hitch/docking mode
US6802536B2	Delphi Technologies, Inc.	Adaptive energy absorbing device for a steering column
US6804594B1	Delphi Technologies, Inc.	Active steering for handling/stability enhancement
US6814374B2	Delphi Technologies, Inc.	Steering column with foamed in-place structure
US6814413B2	Delphi Technologies, Inc.	Hydraulic brake and steering assist system
US6815642B2	Delphi Technologies, Inc.	Apparatus and method for heating a steering wheel
US6817439B2	Delphi Technologies, Inc.	Method for controlling an electric power assist steering system with low hysteresis and torque ripple
US6820713B2	Delphi Technologies, Inc.	Hand wheel actuator with steering-feel enhancement

Patent/Publication No.	Assignee / Applicant	Title
US6829055B1	Delphi Technologies, Inc.	Angular position sensor assembly for use with steering column
US6849815B2	Delphi Technologies, Inc.	Steering column switch for motor vehicles
US6854765B2	Delphi Technologies, Inc.	Steering shaft assembly
US6891115B2	Delphi Technologies, Inc.	Steering column switch
US6012007A	Delphi Technologies, Inc.	Occupant detection method and apparatus for all bag system
US6135492A	Delphi Technologies, Inc.	Air bag module
US6152481A	Delphi Technologies, Inc.	Side restraint assembly
7S6168186B1	Delphi Technologies, Inc.	Head air bag system
US6168191B1	Delphi Technologies, Inc.	Inflatable air bag for an automotive vehicle
US6196573B1	Delphi Technologies, Inc.	Mounting mechanism for inflatable restraint system
US6198387B1	Delphi Technologies, Inc.	Restraint deployment control with central and frontal crash sensing
US6219606B1	Delphi Technologies, Inc.	Restraint deployment control method having a delayed adaptable deployment threshold
US6236308B1	Delphi Technologies, Inc.	Restraint deployment control method with speed-dependent adjustment of deployment threshold
US6237944B1	Delphi Technologies, Inc.	Mounting mechanism for inflatable restraint system
US6247722B1	Delphi Technologies, Inc.	Air bag cover with hidden tear seams
US6247726B1	Delphi Technologies, Inc.	Air bag module with variable inflation
US6263917B1	Delphi Technologies, Inc.	Multiple-bore throttle valve having central shaft end-play restraint
US6270115B1	Delphi Technologies, Inc.	Air bag suppression system
US6270117B1	Delphi Technologies, Inc.	Deceleration sensor for vehicle air bag
US6276712B1	Delphi Technologies, Inc.	Side restraint assembly for an automotive vehicle
US6286858B1	Delphi Technologies, Inc.	Energy absorbing air bag module
US6331015B1	Delphi Technologies, Inc.	Air bag fold and method
US6338498B1	Delphi Technologies, Inc.	Side air bag providing enhanced coverage
US6340176B1	Delphi Technologies, Inc.	Seat restraint tensioner
US6361064B1	Delphi Technologies, Inc.	Inflator seal retainer for an air bag module
US6363308B1	Delphi Technologies, Inc.	Satellite crash sensor and method with constant and dynamic thresholds for multi-stage restraint deployment
US6363852B1	Delphi Technologies, Inc.	Factory testable igniter module for a vehicle supplemental restraint system
US6386472B1	Delphi Technologies, Inc.	Acceleration sensor assembly for a restraint retractor
US6390502B1	Delphi Technologies, Inc.	Supplemental restraint assembly for an automotive vehicle
US6422593B1	Delphi Technologies, Inc.	Supplemental restraint assembly for an automobile
US6422597B1	Delphi Technologies, Inc.	Variable profile air bag restraint
US6424898B1	Delphi Technologies, Inc.	Vehicle occupant restraint control system using a crash severity model
US6430489B1	Delphi Technologies, Inc.	Restraint deployment control method with feed-forward adjustment of deployment threshold
US6431596B1	Delphi Technologies, Inc.	Air bag module with variable inflation

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US6435541B1	Delphi Technologies, Inc.	Modular air bag housing
US6439603B1	Delphi Technologies, Inc.	Air bag module with variable inflation
US6438810B2	Delphi Technologies, Inc.	Seat restraint buckle assembly
US6431596B1	Delphi Technologies, Inc.	Air bag module with variable inflation
US6453224B1	Delphi Technologies, Inc.	Vehicle satellite sensor for frontal a side occupant restraint deployment
US6454296B1	Delphi Technologies, Inc.	Side air bag for roll-over restraint
US6454298B1	Delphi Technologies, Inc.	Low volume roof rail air bag
US6454300B1	Delphi Technologies, Inc.	Air bag tether release assembly
US6481659B1	Delphi Technologies, Inc.	Variable load limiting restraint retractor
US6481743B1	Delphi Technologies, Inc.	Side curtain air bag
US6481744B2	Delphi Technologies, Inc.	Detachable support system for inflatable air bag cushion
US6485050B1	Delphi Technologies, Inc.	Air bag cover assembly with curved horn reaction plate
US6497302B2	Delphi Technologies, Inc.	Scuttle area air bag for pedestrian protection
US6499765B2	Delphi Technologies, Inc.	Bias deployment inflatable air bag
US6502852B2	Delphi Technologies, Inc.	Air bag cover with internal hinge configuration
US6508486B1	Delphi Technologies, Inc.	Door mounted side restraint
US6547333B2	Delphi Technologies, Inc.	Method and apparatus for an adjustable safety system for a vehicle
US6548914B1	Delphi Technologies, Inc.	Crush space crash sensor for motor vehicle occupant restraint deployment control
US6550867B2	Delphi Technologies, Inc.	Seat restraint buckle presenter assembly
US6553294B1	Delphi Technologies, Inc.	Dual stage occupant restraint deployment control for motor vehicle
US6554318B2	Delphi Technologies, Inc.	Seat bell tension sensor
US6559763B2	Delco Electronics Corp	Frontal impact characterization apparatus for a motor vehicle restraint system
US6561541B2	Delphi Technologies, Inc.	Side air bag incorporating inverted T-shaped flow barrier
US6565113B2	Delphi Technologies, Inc.	Air bag module
US6572147B2	Delphi Technologies, Inc.	Seat restraint tensioner
US6580991B2	Delphi Technologies, Inc.	Electric caliper hardware topologies for a safety system
US6585290B2	Delphi Technologies, Inc.	Diffuser for an air bag
US6588796B2	Delphi Technologies, Inc.	High pressure air bag inflation system
US65921461B	Delphi Technologies, Inc.	Variable profile air bag restraint
US6605877B1	Delphi Technologies, Inc.	Restraint system interface arrangement for a seat belt tension sensor
US6616587B2	Delphi Technologies, Inc.	Method for folding an air bag
US6626455B2	Delphi Technologies, Inc.	Deformable air bag module housing
US6644689B2	Delphi Technologies, Inc.	Method for suppressing deployment of an inflatable restraint based on sensed occupant capacitance
US6648260B2	Delphi Technologies, Inc.	Selectable load limiting seat restraint retractor
US6648371B2	Delphi Technologies, Inc.	Variable venting air bag assembly

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US6662094B2	Delphi Technologies, Inc.	Method of initially characterizing an occupant of a vehicle seat based on weight and seat belt tension
US6669228B2	Delphi Technologies, Inc.	Air bag rover of polymeric foam having weakened region
US6669231B2	Delphi Technologies, Inc.	Adaptive venting for an air bag module
US6692019B2	Delphi Technologies, Inc.	Method to create invisible air bag employment
US6692027B2	Delphi Technologies, Inc.	Load limiting seat restraint retractor
US6733032B2	Delphi Technologies, Inc.	Air tag cover assembly
US6733035B2	Delphi Technologies, Inc.	Side curtain air bag assembly
US6736426B2	Delphi Technologies, Inc.	Variable profile air bag restraint
US6749217B2	Delphi Technologies, Inc.	Air bag assembly providing adjustable cushion depth
US6758492B2	Delphi Technology, Inc.	Curtain air bag including inflatable perimeter gas channel
US6796192B2	Delphi Technologies, Inc.	Pass through seat restraint tension sensing assembly
US6805381B2	Delphi Technologies, Inc.	Magnetorheological seat belt actuator
US6832778B2	Delphi Technologies, Inc.	Air bag restraint including selectively operable venting elements
US6834883B2	Delphi Technologies, Inc.	Air bag housing and method of making
US6850825B2	Delphi Technologies, Inc.	Method for suppressing deployment of an inflatable restraint based on sensed occupant weight
US6851503B2	Delphi Technologies, Inc.	Seat belt tension sensor assembly
US6857659B2	Delphi Technologies, Inc.	Air bag module including restrained inflatable cushion
US6866296B2	Delphi Technologies, Inc.	Seat restraint tensioner
US6868745B2	Delphi Technologies, Inc.	Seat restraint buckle and tension sensing assembly
US6889146B2	Delphi Technologies, Inc.	Seat belt tension determination using multiple belt tension sensors
US6365118B1	Delphi Technologies, Inc.	Reduction of NOx in the exhaust from leanOx internal combustion engines
US6482368B2	Delphi Technologies, Inc.	Non-thermal plasma reactor for lower power consumption
US6571782B2	Delphi Technologies, Inc.	Manifold inlet valve having linear response
US6708677B2	Delphi Technologies, Inc.	Finger follower for a cam-actuated poppet valve in an engine intake manifold assembly
US6748935B2	Delphi Technologies, Inc.	Integrated intake manifold assembly for an internal combustion engine
US6758196B2	Delphi Technologies, Inc.	Poppet valve having an aligning yoke
US6764664B2	Delphi Technologies, Inc.	Catalyst for the combustion of diesel soot, methods for making the catalyst and methods of using the catalyst
US6772729B2	Delphi Technologies, Inc.	Swirl port system for a diesel engine
US6788072B2	Delphi Technologies, Inc.	Apparatus and method for sensing particle accumulation in a medium
US6835358B2	Delphi Technologies, Inc.	Non-thermal plasma reactor for lower power consumption
US6867603B2	Delphi Technologies, Inc.	Method for measuring high frequency resistance in diesel engine lubrication []
US6892709B2	Delphi Technologies, Inc.	Pressure regulator
US6883499B2	Delphi Technologies, Inc.	Advance arrangement
US6807940B2	Delphi Technologies, Inc.	Governor

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US6802539B2	Delphi Technologies, Inc.	Connector arrangement
US6776354B2	Delphi Technologies, Inc.	Fuel injector
US6773336B2	Delphi Technologies, Inc.	Method of forming a recess in a body
US6758407B1	Delphi Technologies, Inc.	Fuel injector
US6732948B1	Delphi Technologies, Inc.	Fuel injector
US6732716B2	Delphi Technologies, Inc.	Metering valve arrangement
US6718951B2	Delphi Technologies, Inc.	Advance arrangement
US6626148B1	Delphi Technologies, Inc.	Fuel pump
US6546916B2	Delphi Technologies, Inc.	Fuel injection pump timing mechanism
US6546913B2	Delphi Technologies, Inc.	Pressure regulator
US6464149B1	Delphi Technologies, Inc.	Actuator arrangement
US6447263B1	Delphi Technologies, Inc.	Fuel pump with auxiliary pumping chamber
US6443127B1	Delphi Technologies, Inc.	Governor
US6439203B1	Delphi Technologies, Inc.	Seal arrangement
US6431469B1	Delphi Technologies, Inc.	Fuel injector including outer valve needle and inner valve needle [] within a passage provided in the outer valve needle
US6422210B1	Delphi Technologies, Inc.	Fuel injector
US6422199B1	Delphi Technologies, Inc.	Fuel injector
US6420817B1	Delphi Technologies, Inc.	Method for detecting injection events in a piezoelectric actuated fuel injector
US6412712B1	Delphi Technologies, Inc.	Fuel injector
US6406269B1	Delphi Technologies, Inc.	Fuel pump
US6401695B1	Delphi Technologies, Inc.	Metering valve
US6394762B1	Delphi Technologies, Inc.	Fuel pump
US6390385B1	Delphi Technologies, Inc.	Fuel injector
US6386185B1	Delphi Technologies, Inc.	Valve arrangement
US6364630B1	Delphi Technologies, Inc.	Vane pump
US6363917B1	Delphi Technologies, Inc.	Fuel injector pump advance arrangement
US6360716B1	Delphi Technologies, Inc.	Governor
US6359373B1	Delphi Technologies, Inc.	Actuator housing
US6279840B1	Delphi Technologies, Inc.	Fuel injector
US6267086B1	Delphi Technologies, Inc.	Fuel system
US6263861B1	Delphi Technologies, Inc.	Governor
US6123372A	Delphi Technologies, Inc.	Door latch
US6148564A	Delphi Technologies, Inc.	Vehicle door module
US6205714B1	Delphi Technologies, Inc.	Modular vehicle door
US6390535B1	Delphi Technologies, Inc.	Sliding door closure apparatus
US6422619B1	Delphi Technologies, Inc.	Door latch assembly with integrally molded, flexible interior door seal
US6422640B1	Delphi Technologies, Inc.	Door trim panel assembly and method of making

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US6435575B1	Delphi Technologies, Inc	Vehicle door latch with power operated unlatching mechanism
US6464287B2	Delphi Technologies, Inc	Drive mechanism for power operated slideable side door
US6475576B1	Delphi Technologies, Inc	Reinforced interior trim panel assembly and method
US6481783B1	Delphi Technologies, Inc	Drive mechanism for power operated slideable side door
US6508486B1	Delphi Technologies, Inc	Door mounted side restraint
US6508967B2	Delphi Technologies, Inc.	Method of making an interior trim panel
US6511106B2	Delphi Technologies, Inc.	Vehicle door latch with double lock
US6517089B2	Delphi Technologies, Inc.	Torsion bar actuator for suspension trim height and roll control
US6517128B2	Delphi Technologies, Inc.	Vehicle door latch with power operated release mechanism
US6517365B1	Delphi Technologies, Inc.	Wiring assembly for supplying power to a sliding door
US6533314B2	Delphi Technologies, Inc.	Instrument panel with integral hidden door cover and method of manufacture thereof
US6539670B2	Delphi Technologies, Inc.	Manual release mechanism for a power operated sliding door
US6550825B2	Delphi Technologies, Inc.	Cinching door latch with planetary release mechanism
US6560929B1	Delphi Technologies, Inc.	Rack and pinion window regulator
US6561569B1	Delphi Technologies, Inc.	Drive mechanism for power operated slideable side door
US6615545B2	Delphi Technologies, Inc.	Vehicle door cinching method and apparatus
US6626482B2	Delphi Technologies, Inc.	Vehicle door assembly
US6656397B1	Delphi Technologies, Inc.	Method of making a door trim assembly
US6719333B2	Delphi Technologies, Inc.	Vehicle door latch with power operated release mechanism
US6733052B2	Delphi Technologies, Inc.	Power operated vehicle door latch
US6811193B2	Delphi Technologies, Inc.	Quiet vehicle door latch
US6838027B2	Delphi Technologies, Inc.	Method of making an Interior trim panel
US6851223B2	Delphi Technologies, Inc.	Vehicle door cinching method
US6115918A	Delphi Technologies, Inc.	Heat exchanger manifold separator installation method
US6116335A	Delphi Technologies, Inc.	Fluid flow heat exchanger with reduced pressure drop
US6169272B1	Delphi Technologies, Inc.	Nozzle heater for die casting machine
US6170287B1	Delphi Technologies, Inc.	Desiccant installation for refrigerant condenser with integral receiver
US6237677B1	Delphi Technologies, Inc.	Efficiency condenser
US6247900B1	Delphi Technologies, Inc.	Stroke sensing apparatus for a variable displacement compressor
US6262400B1	Delphi Technologies, Inc.	Control method for a resistance heater in a vehicle heating system
US6273182B1	Delphi Technologies, Inc.	Heat exchanger mounting
US6318103B1	Delphi Technologies, Inc.	Evaporator mounted blower speed control
US6318450B1	Delphi Technologies, Inc.	Fastener tree automotive heat exchanger mounting
US6321832B1	Delphi Technologies, Inc.	Radiator with integrated liquid-air hybrid oil cooler
US6340293B1	Delphi Technologies, Inc	Clutchless compressor control valve with integral by pass feature
US6361281B1	Delphi Technologies, Inc.	Electrically driven compressor with contactless control
US6381545B1	Delphi Technologies, Inc.	Diagnostic method for an automotive HVAC compressor

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US6435268B1	Delphi Technologies, Inc.	Evaporator with improved condensate drainage
US6439300B1	Delphi Technologies, Inc.	Evaporator with enhanced condensate drainage
US6467538B1	Delphi Technologies, Inc.	Vehicle with rapid heater warm up
US6481641B1	Delphi Technologies, Inc.	Fuel injector assembly having a heat exchange fuel []
US6486449B2	Delphi Technologies, Inc.	Heater patterns for planar gas sensors
US6510891B2	Delphi Technologies, Inc.	Clip-retainer for heat exchanger
7S6513579B1	Delphi Technologies, Inc.	Post braze heat exchanger mounting and support brackets
US6513582B2	Delphi Technologies, Inc.	Heat exchanger and fluid pipe therefor
US6516486B1	Delphi Technologies, Inc.	Multi-tank evaporator for improved performance and reduced airside temperature spreads
US6568920B2	Delphi Technologies, Inc.	Manifold assembly for a compressor
US6575708B2	Delphi Technologies, Inc.	Compressor head with improved oil retention
US6615488B2	Delphi Technologies, Inc.	Method of forming heat exchanger tube
US6619380B1	Delphi Technologies, Inc.	Heat exchanger drain assembly having a frangible wall
US6622500B1	Delphi Technologies, Inc.	Energy-efficient capacity control method for an air conditioning compressor
US6627851B2	Delphi Technologies, Inc.	Power control method for a motor vehicle electric window heater
US6639798B1	Delphi Technologies, Inc.	Automotive electronics heat exchanger
US6655163B1	Delphi Technologies, Inc.	Dual evaporator air conditioning system and method of use
US6687992B2	Delphi Technologies, Inc.	Assembly method for hermetic scroll compressor
US6691767B2	Delphi Technologies, Inc.	Plastic attachment bracket for metal heat exchanger tank
US6694222B1	Delphi Technologies, Inc.	Fuzzy logic control of a variable displacement compressor in a vehicle ax conditioning system
US6694764B1	Delphi Technologies, Inc.	Air conditioning system with electric compressor
US6714413B1	Delphi Technologies, Inc.	Compact thermosiphon with enhanced condenser for electronics cooling
US6728602B2	Delphi Technologies, Inc.	Control system for an electric heater
US6732541B2	Delphi Technologies, Inc.	Electrically operated compressor capacity control system with integral pressure sensors
US6748756B2	Delphi Technologies, Inc.	HVAC system with periodic override of evaporator control
US6748761B2	Delphi Technologies, Inc.	HVAC system with evaporator warming
US6758052B2	Delphi Technologies, Inc.	HVAC system with post-shut down isolation and venting of evaporator using H-shaped valve
US6758054B2	Delphi Technologies, Inc.	Dual evaporator air conditioning system and method of use
US6759155B2	Delphi Technologies, Inc.	Plate construction of high temperature air-to-air heat exchanger
US6763679B1	Delphi Technologies, Inc.	Standoff for desiccant in condenser reservoir of automotive air conditioning system
US6776225B2	Delphi Technologies, Inc.	Heat exchanger assembly
US6786703B2	Delphi Technologies, Inc.	Variable capacity air conditioning compressor with improved crankcase oil retention

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US6799631B2	Delphi Technologies, Inc.	Heat exchanger with integrated flow control valve
US6799952B2	Delphi Technologies, Inc.	Pneumatically operated compressor capacity control valve with discharge pressure sensor
US6823690B2	Delphi Technologies, Inc.	Integrated electrical generator/starter and air conditioning compressor device and system and method for controlling same
US6871754B2	Delphi Technologies, Inc.	Container under variable pressure, in particular heat-exchange condenser
US6880620B2	Delphi Technologies, Inc.	Heating, ventilating, and air conditioning module having an improved heater core configuration
US6899013B2	Delphi Technologies, Inc.	Hinge for a variable displacement compressor
US6526268	Delphi Technologies, Inc.	Mobile weather band radio and method