

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Delete Patent No. D383890 previously recorded on Reel 015562 Frame 0012. Assignor(s) hereby confirms the Insert Patent No. D383690.												
CONVEYING PARTY DATA													
<table border="1"><tr><td>Name</td><td>Execution Date</td></tr><tr><td>Directed Electronics, Inc.</td><td>06/17/2004</td></tr></table>		Name	Execution Date	Directed Electronics, Inc.	06/17/2004								
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Directed Electronics, Inc.	06/17/2004												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Wachovia Bank, National Association, as Administrative Agent</td></tr><tr><td>Street Address:</td><td>201 South College Street</td></tr><tr><td>Internal Address:</td><td>CP-8</td></tr><tr><td>City:</td><td>Charlotte</td></tr><tr><td>State/Country:</td><td>NORTH CAROLINA</td></tr><tr><td>Postal Code:</td><td>28288</td></tr></table>		Name:	Wachovia Bank, National Association, as Administrative Agent	Street Address:	201 South College Street	Internal Address:	CP-8	City:	Charlotte	State/Country:	NORTH CAROLINA	Postal Code:	28288
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PROPERTY NUMBERS Total: 1													
<table border="1"><tr><td>Property Type</td><td>Number</td></tr><tr><td>Patent Number:</td><td>D383690</td></tr></table>		Property Type	Number	Patent Number:	D383690								
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Patent Number:	D383690												
CORRESPONDENCE DATA													
Fax Number: (919)416-8339 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 919 286-8049													
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NAME OF SUBMITTER:	John E. Slaughter												
Total Attachments: 10 source=NGSI-P2 Directed Electronics#page1.tif source=NGSI-P2 Directed Electronics#page2.tif													

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Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	Notice of Grant of Security Interest														
CONVEYING PARTY DATA															
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PROPERTY NUMBERS Total: 87															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Patent Number:</td><td>6700479</td></tr><tr><td>Patent Number:</td><td>6696931</td></tr><tr><td>Patent Number:</td><td>D472163</td></tr><tr><td>Patent Number:</td><td>D469747</td></tr><tr><td>Patent Number:</td><td>D469708</td></tr><tr><td>Patent Number:</td><td>D469413</td></tr></tbody></table>	Property Type	Number	Patent Number:	6700479	Patent Number:	6696931	Patent Number:	D472163	Patent Number:	D469747	Patent Number:	D469708	Patent Number:	D469413	
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Patent Number:	5563576
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Patent Number:	5157375
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Patent Number:	5117217
Patent Number:	5081667
Patent Number:	4987402
Patent Number:	4922224
Patent Number:	4897630
Patent Number:	4890108
Patent Number:	4887064

Patent Number:	4845464
Patent Number:	4794368
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Patent Number:	D333634
Patent Number:	D333635
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Patent Number:	D333795
Patent Number:	D340000
Patent Number:	D344905
Patent Number:	D345317
Patent Number:	D345711
Patent Number:	D347190
Patent Number:	D348622
Patent Number:	D352685
Patent Number:	D383689
Patent Number:	D383890 D383690
Patent Number:	D390830
Patent Number:	D392944
Patent Number:	4584569
Patent Number:	4997053
Patent Number:	5245694
Patent Number:	5674026
Patent Number:	D419474
Patent Number:	6093979
Patent Number:	5914667
Patent Number:	6097829
Patent Number:	5656997
Application Number:	10699009
Application Number:	08857711
Application Number:	09732465
Application Number:	10633472
Application Number:	10649133
Application Number:	10645882
Application Number:	10163896

Application Number:	29195780
Application Number:	29195779
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Application Number:	29195776
Application Number:	29195775
Application Number:	29195774
Application Number:	29195773
Application Number:	29195772
Application Number:	29195846
Application Number:	29153393
Application Number:	09938897
Application Number:	10236716

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	John E. Slaughter
Signature:	/John E. Slaughter/
Date:	01/13/2005

Total Attachments: 5

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RECEIPT INFORMATION

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NOTICE
OF
GRANT OF SECURITY INTEREST
IN
PATENTS

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Gentlemen:

Please be advised that pursuant to the Security Agreement dated as of June 17, 2004 (the "Security Agreement") by and among the Obligor thereto (each an "Obligor" and collectively, the "Obligors") and Wachovia Bank, as Administrative Agent (the "Agent") for the lenders referenced therein (the "Lenders"), the undersigned Obligor has granted a continuing security interest in and continuing lien upon, the patents and patent applications shown below to the Administrative Agent for the ratable benefit of the Lenders:

PATENTS

<u>Patent No.</u>	Description of <u>Patent</u>	<u>Date of Patent</u>
	See Schedule A attached hereto.	


PATENT APPLICATIONS

<u>Patent Application No.</u>	Description of Patent <u>Applied For</u>	<u>Date of Patent Application</u>
	See Schedule A attached hereto.	

The Obligors and the Administrative Agent, on behalf of the Lenders, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Security Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

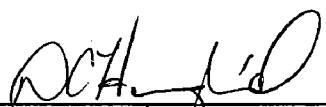
Very truly yours,

DIRECTED ELECTRONICS, INC.

By: 
Name: Jon E. Elias
Title: Vice President

Acknowledged and Accepted:

WACHOVIA BANK, NATIONAL ASSOCIATION,
as Administrative Agent

By: 
Name: David C. Hanglip
Title: V.P.

**Directed Electronics, Inc.
(California Corporation)**

U.S. Patents

Issued Patents

Description	Patent No.	Issued
VEHICLE SECURITY SYSTEM HAVING ADVANCED WIRELESS	6700479	03/02/04
RETROFITTABLE VEHICLE COLLISION WARNING APPARATUS	6696931	02/24/04
EXTERNAL RECEIVER CASE	D472163	03/25/03
ENTERTAINMENT CONSOLE WITH A DETACHABLE DISPLAY SCREEN	D469747	02/04/03
HANDHELD TRANSCEIVER WITH LCD DISPLAY	D469708	02/04/03
HEADREST OR SEAT BACK ENTERTAINMENT DISPLAY	D469413	01/28/03
ELECTRONIC VEHICLE SECURITY SYSTEM WITH REMOTE CONTROL	6452484	09/17/02
VEHICLE SECURITY SYSTEM HAVING ADVANCED WIRELESS	6452483	09/17/02
ALARM SENSOR MULTIPLEXING	6317034	11/13/01
INTEGRATION MODULE FOR SUPPLEMENTAL VEHICLE	6218740	04/17/01
VEHICLE SECURITY SYSTEM HAVING WIRELESS FUNCTION	6184779	02/06/01
ELECTRONIC VEHICLE SECURITY SYSTEM WITH REMOTE CONTROL	6028505	02/22/00
ADVANCED METHOD OF INDICATING INCOMING THREAT LEVEL	5990786	11/23/99
SYSTEM FOR HAVING ADVANCED EMBEDDED CODE HOPPING	5952933	09/14/99
LEARN MODE FOR REMOTE TRANSMITTERS	5945936	08/31/99
CHANNEL EXPANDER FOR REMOTELY CONTROLLED AUTOMOTIVE	5907195	05/25/99
ALARM SENSOR MULTIPLEXING	5900806	05/04/90
ADVANCED EMBEDDED CODE HOPPING SYSTEM	5872519	02/16/99
HIGH THROUGHPUT EMBEDDED CODE HOPPING SYSTEM	5798711	08/25/98
ALARM SENSOR MULTIPLEXING	5783989	07/21/98
SPARE CELLULAR TELEPHONE CHARGING UNIT	5764026	06/09/98
MULTIPLE TRANSMISSION CHANNEL GROUP TRANSMITTER	5712638	01/27/98
ELECTRONICALLY PROGRAMMABLE REMOTE CONTROL ACCESS	5650774	07/22/97
ADVANCED METHOD OF INDICATING INCOMING THREAT LEVEL	5646591	07/08/97
VEHICLE SECURITY SYSTEM SIREN WITH BACKUP RECHARGEABLE	5563576	10/08/96
ADVANCED AUTOMOTIVE AUTOMATION AND SECURITY SYSTEM	5534845	07/09/96
METHOD OF INDICATING THE THREAT LEVEL OF AN INCOMING	5532670	07/02/96
VEHICLE SECURITY SYSTEM WITH SECURE VALET SWITCH	5467070	11/14/95
ADAPTABLE ALARM INTERFACE UNIT FOR USE WITH ELECTRONIC	5357560	10/18/94
ALARM SYSTEM FOR SENSING AND VOCALLY WARNING A PERSON	5315285	05/24/94
VEHICULAR VOICE STORAGE, PLAYBACK, AND BROADCASTING	5193141	03/09/93
ELECTRONIC VEHICLE SECURITY SYSTEM	5157375	10/20/92
ELECTRONIC PROGRAMMABLE REMOTE CONTROL FOR VEHICLE	5146215	09/08/92
ALARM SYSTEM FOR SENSING AND VOCALLY WARNING A PERSON	5117217	05/26/92
SYSTEM FOR INTEGRATING A CELLULAR TELEPHONE WITH A	5081667	01/14/92
ALARM SYSTEM FOR SENSING AND VOCALLY WARNING OF AN	4987402	01/22/91
ELECTRONIC VEHICLE SECURITY SYSTEM	4922224	05/01/90
PROGRAMMABLE ALARM SYSTEM HAVING PROXIMITY DETECTION	4897630	01/30/90
MULTI-CHANNEL REMOTE CONTROL TRANSMITTER	4890108	12/26/89
MULTI-FEATURED SECURITY SYSTEM WITH SELF-DIAGNOSTIC	4887064	12/12/89
PROGRAMMABLE SENSOR APPARATUS	4845464	07/04/89

Description	Patent No.	Issued
PROGRAMMABLE AUTOMOBILE ALARM SYSTEM HAVING VOCAL	4794368	12/27/88
TRANSMITTER FOR VEHICLE ALARM	D333633	03/02/93
TRANSMITTER FOR VEHICLE ALARM	D333634	03/02/93
TRANSMITTER FOR VEHICLE ALARM	D333635	03/02/93
TRANSMITTER FOR VEHICLE ALARM	D333636	03/02/93
TRANSMITTER FOR VEHICLE ALARM	D333795	03/09/03
VEHICLE ALARM TRANSMITTER	D340000	10/05/93
VEHICLE ALARM CASE MODULE	D344905	03/08/94
SIREN	D345317	03/22/94
VEHICLE ALARM CASE MODULE	D345711	04/05/94
VEHICLE ALARM TRANSMITTER	D347190	05/24/94
VEHICLE ALARM CASE MODULE	D348622	07/12/94
SLIDE-TOGETHER RELAY SOCKET	D352685	11/22/94
SECURITY SYSTEM HOUSING	D383689	09/16/97
SECURITY SYSTEM HOUSING AND SIREN	D383690	09/16/97
REMOTE CONTROL TRANSMITTER	D390830	02/17/98
REMOTE CONTROL TRANSMITTER	D392944	03/31/98
MOTION SENSITIVE SECURITY SYSTEM	4584569	04/22/86
REMOTE CONTROL VEHICLE SEAT AND STEERING WHEEL	4997053	03/05/91
USER-PROGRAMMABLE VOICE NOTIFICATION DEVICE FOR	5245694	04/19/93
SHAFT COUPLING STRUCTURE OF DRIVE SHAFT	5674026	10/07/97
REMOTE CONTROL TRANSMITTER	D419474	01/25/00
CHANNEL EXPANDER FOR REMOTELY CONTROLLED AUTOMOTIVE	6093979	07/25/00
ADVANCED EMBEDDED CODE HOPPING SYSTEM HAVING MASTER	5914667	06/22/99
FIBER-HONEYCOMB-FIBER SANDWICH SPEAKER DIAPHRAGM AND	6097829	08/01/00
MAGNETIC RESONANCE ALARM DEVICE	5656997	08/12/97

Pending Applications

Description	Appl. No.	Filing Date
MENU-DRIVEN REMOTE CONTROL TRANSMITTER	10699009	10/30/03
REMOTE START, PASSIVE ANTI-THEFT SECURITY SYSTEM	08857711	05/16/97
REMOTE START, PASSIVE ANTI-THEFT SECURITY SYSTEM	09732465	12/06/00
COLOR CHANGING LED TEMPERATURE CONTROLLER WITH	10633472	08/01/03
ADJUSTABLE "Q" SUBWOOFER	10649133	08/27/03
PELTIRE INTEGRATION METHOD FOR AMPLIFIERS	10645882	08/20/03
CREDIT CARD SIZED TRANSMITTER	10163896	06/04/02
AUTO-BYPASS VEHICLE IMMOBILIZER		12/30/03
SECURITY AND REMOTE ACCESS FOR VEHICULAR ENTERTAINMENT		01/02/04
LED TO VOICE EVENT REPORTING SYSTEM		
2-WAY WIRELESS SIREN FOR VEHICLE SECURITY HAVING INPUTS		02/27/04
MANUAL TRANSMISSION SENSOR FOR REMOTE START SAFETY		
HANDHELD TRANSCEIVER	29195780	12/17/03
HANDHELD TRANSMITTER	29195779	12/17/03
HANDHELD TRANSCEIVER WITH LCD DISPLAY	29195778	12/17/03
HANDHELD TRANSCEIVER WITH LCD DISPLAY	29195777	12/17/03
HANDHELD TRANSMITTER	29195776	12/17/03
HANDHELD TRANSCEIVER WITH LCD DISPLAY	29195775	12/17/03
HANDHELD TRANSMITTER	29195774	12/17/03
HANDHELD TRANSMITTER	29195773	12/17/03
HANDHELD TRANSMITTER	29195772	12/17/03

Description	Appl. No.	Filing Date
HANDHELD TRANSMITTER	29195846	12/18/03
HANDHELD TRANSCEIVER WITH LCD DISPLAY	29153393	01/05/02
RETROFITABLE VEHICLE COLLISION WARNING APPARATUS	09938897	08/24/01
VEHICLE SECURITY SYSTEM HAVING ADVANCED WIRELESS	10236716	09/06/02

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RECORDED: 02/02/2005

PATENT
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