

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

Assignment ID: PATI312503

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
	Name	Execution Date
	GROUPER ACQUISITION COMPANY, LLC	06/20/2024
	DUS OPERATING INC.	06/20/2024
	GROUPER STAMPING, LLC	06/20/2024
RECEIVING PARTY DATA		
Company Name:	ECLIPSE BUSINESS CAPITAL LLC, AS AGENT	
Street Address:	333 West Wacker Drive, Suite 950	
City:	Chicago	
State/Country:	ILLINOIS	
Postal Code:	60606	
PROPERTY NUMBERS Total: 75		
Property Type	Number	
Patent Number:	11541710	
Patent Number:	11495991	
Patent Number:	11400781	
Patent Number:	11156290	
Patent Number:	11149846	
Patent Number:	11146147	
Patent Number:	11096268	
Patent Number:	11073205	
Patent Number:	10969008	
Patent Number:	10955051	
Patent Number:	10935131	
Patent Number:	10890251	
Patent Number:	10871226	
Patent Number:	10865879	
Patent Number:	10859126	
Patent Number:	10811932	
Patent Number:	10395458	
Patent Number:	10316966	

PATENT

Property Type	Number
Patent Number:	10316885
Patent Number:	10290165
Patent Number:	10281028
Patent Number:	10234028
Patent Number:	10229309
Patent Number:	10207656
Patent Number:	10202013
Patent Number:	10173650
Patent Number:	10107388
Patent Number:	10072751
Patent Number:	10017972
Patent Number:	10016936
Patent Number:	9970543
Patent Number:	9970538
Patent Number:	9902337
Patent Number:	9849757
Patent Number:	9845083
Patent Number:	9840202
Patent Number:	9830814
Patent Number:	9827954
Patent Number:	9809262
Patent Number:	9772031
Patent Number:	9701250
Patent Number:	9616863
Patent Number:	9610829
Patent Number:	9587421
Patent Number:	9580107
Patent Number:	9529378
Patent Number:	9524711
Patent Number:	9403498
Patent Number:	9168880
Patent Number:	8936524
Patent Number:	8857289
Patent Number:	8763492
Patent Number:	8720641
Patent Number:	8479876
Patent Number:	8418580
Patent Number:	8413542

Property Type	Number
Patent Number:	8403390
Patent Number:	7973106
Patent Number:	7971501
Patent Number:	7837179
Patent Number:	7779720
Patent Number:	7770489
Patent Number:	7752941
Patent Number:	7731471
Patent Number:	7730805
Patent Number:	7699571
Patent Number:	7597649
Patent Number:	7469614
Patent Number:	7467569
Patent Number:	7434786
Patent Number:	7431268
Patent Number:	7241244
Patent Number:	10246055
Patent Number:	10225391
Patent Number:	7559714

CORRESPONDENCE DATA

Fax Number: 3128637806

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: 3128637198

Email: nancy.brougher@goldbergkohn.com

Correspondent Name: Nancy J. Brougher, Paralegal

Address Line 1: c/o Goldberg Kohn Ltd.

Address Line 2: 55 East Monroe, Suite 3300

Address Line 4: CHICAGO, ILLINOIS 60603

ATTORNEY DOCKET NUMBER:	7528.025
NAME OF SUBMITTER:	Nancy Brougher
SIGNATURE:	Nancy Brougher
DATE SIGNED:	06/20/2024

Total Attachments: 9

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PATENT SECURITY AGREEMENT

THIS PATENT SECURITY AGREEMENT (this "**Agreement**"), is dated as of June 20, 2024, and is between GROUPER ACQUISITION COMPANY, LLC, a Delaware limited liability company ("**Grouper Acquisition**"), DUS OPERATING INC., a Delaware corporation ("**Dura**"), GROUPER STAMPING, LLC, a Delaware limited liability company ("**Grouper Stamping**"; together with Grouper Acquisition and Dura, each a "**Grantor**" and collectively, "**Grantors**"), in favor of ECLIPSE BUSINESS CAPITAL LLC ("**Eclipse**"), as Agent for the Lenders (in such capacity, "**Agent**") under the Loan Agreement (as defined herein).

RECITALS

A. Grantors, the other Loan Parties from time to time party thereto, Agent, the Lenders from time to time party thereto and Eclipse, as FILO Agent, have entered into a Loan and Security Agreement dated as of June 20, 2024 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "**Loan Agreement**"; capitalized terms used but not defined herein shall have the meaning given to such terms in the Loan Agreement), pursuant to which Lenders have agreed to make loans and certain other extensions of credit to the Borrowers as provided therein.

B. Pursuant to the Loan Agreement, each Grantor is required to execute and deliver to Agent, for its benefit and the benefit of the Lenders, this Agreement for purposes of filing with the United States Patent and Trademark Office ("**USPTO**").

C. Pursuant to the Loan Agreement, each Grantor has granted to Agent, for itself and on behalf of the Lenders, a security interest in the Collateral, including all right, title and interest of such Grantor in, to, and under its Intellectual Property to secure the payment and performance of the Obligations.

AGREEMENT

In consideration of the mutual covenants and agreements set forth herein and in the Loan Agreement, it is hereby agreed that:

1. This Agreement is made to secure the satisfactory performance and payment of all the Obligations. Upon the Termination Date, Agent shall promptly, following written request by Grantors, execute, acknowledge, and deliver to Grantors all instruments reasonably requested by Grantors necessary to release Agent's security interest in the Patent Collateral (as defined below) acquired under this Agreement.

2. Each Grantor hereby grants to Agent, for itself and on behalf of the Lenders, a continuing security interest and lien in all of such Grantor's right, title and interest in, to, and under the following, whether presently existing or hereafter created or acquired to secure the payment and performance of the Obligations: (a) each issued patent and patent application, including, without limitation, each issued patent and patent application referred to in Schedule 1 attached hereto and incorporated herein, together with any reissues, reexamination certificates, continuations, continuations-in-part, divisionals, or extensions thereof; and (b) all products and proceeds of the foregoing, including, without limitation, all claims and causes of action arising prior to or after the date hereof for past, present or future infringement of any issued patent or patent application referred to in Schedule 1 (items (a) and (b) being herein collectively referred to as the "**Patent Collateral**").

This security interest and lien is granted in conjunction with the security interests and liens granted to Agent, for itself and on behalf of the Lenders, pursuant to the Loan Agreement and subject to limitations

set forth therein. Each Grantor hereby acknowledges and affirms that the rights and remedies of Agent and the Lenders with respect to the security interests and liens in the Patent Collateral made and granted hereby are more fully set forth in the Loan Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

This Agreement may be executed by the parties hereto in several counterparts, each of which shall be deemed to be an original and all of which shall constitute together but one and the same agreement. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or electronic transmission (including email transmission of a PDF image) shall be effective as delivery of a manually executed counterpart of this Agreement.

THIS AGREEMENT IS MADE UNDER AND SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAW OF THE STATE OF NEW YORK APPLICABLE TO CONTRACTS MADE AND TO BE PERFORMED THEREIN WITHOUT REGARD TO CONFLICT OF LAW PRINCIPLES.

[signature pages follow]

IN WITNESS WHEREOF, each Grantor has caused this Patent Security Agreement to be duly executed by its duly authorized officer thereunto as of the date first set forth above.

**GROUPER ACQUISITION COMPANY,
LLC**, a Delaware limited liability company

DocuSigned by:
By: John Stewart
Name: John Stewart
Title: Authorized Signatory

DUS OPERATING INC., a Delaware
corporation

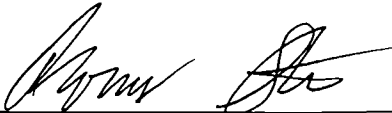
DocuSigned by:
By: John Stewart
Name: John Stewart
Title: Authorized Signatory

GROUPER STAMPING, LLC, a Delaware
limited liability company

DocuSigned by:
By: John Stewart
Name: John Stewart
Title: Authorized Signatory

Acknowledged by:

ECLIPSE BUSINESS CAPITAL LLC. as Agent

By: 
Name: Thomas Stone
Title: AVP

SCHEDULE 1
to
PATENT SECURITY AGREEMENT

Patents

PATENT	APPL. NUMBER	FILE DATE	PATENT NUMBER	ISSUE DATE	OWNER
Vehicle suspension component with strengthening feature and connection mode	17268410	02/12/21	11541710	01/03/23	Grouper Stamping, LLC
Vehicle backup power supply	17345573	06/11/21	11495991	11/08/22	DUS Operating Inc.
Vehicle suspension component with stiffening feature	17257672	01/04/21	11400781	08/02/22	Grouper Stamping, LLC
Rotary actuator including a housing	16144118	09/27/18	11156290	10/26/21	DUS Operating Inc.
Actuator assembly for a transmission shifter	15652761	07/18/17	11149846	10/19/21	DUS Operating Inc.
Motor power pack with overmolded printed circuit board integrated connector	16047709	07/27/18	11146147	10/12/21	DUS Operating Inc.
Motor power pack with overmolded printed circuit board integrated connector	16047722	07/27/18	11096268	08/17/21	DUS Operating Inc.
Shift lever assembly with position sensing	16370103	03/29/19	11073205	07/27/21	DUS Operating Inc.
Transmission shifter assembly with automatic position reset	16233409	12/27/18	10969008	04/06/21	DUS Operating Inc.
Actuator assembly for a transmission shifter	15652840	07/18/17	10955051	03/23/21	DUS Operating Inc.
Vehicle park lock assembly	16298433	03/11/19	10935131	03/02/21	DUS Operating Inc.
Transmission shifter assembly with removable feedback	15856314	12/28/17	10890251	01/12/21	DUS Operating Inc.
Manuel device for releasing an automatic transmission from park gear	16207733	12/03/18	10871226	12/22/20	DUS Operating Inc.
Secondary park lock actuator	16047222	07/27/18	10865879	12/15/20	DUS Operating Inc.

PATENT	APPL. NUMBER	FILE DATE	PATENT NUMBER	ISSUE DATE	OWNER
Multi-position rotary actuator with clutch	15955196	04/17/18	10859126	12/08/20	DUS Operating Inc.
Rotary actuator with angled housing connection	15959863	04/23/18	10811932	10/20/20	DUS Operating Inc.
Secure vehicle access method and system	15491274	04/19/17	10395458	08/27/19	DUS Operating Inc.
Biometric shifter for a vehicle	15380223	02/15/16	10316966	06/11/19	DUS Operating Inc.
Side loading transmission pin cable attachment device	15228948	08/04/16	10316885	06/11/19	DUS Operating Inc.
Vehicle entry device, and vehicle trim component equipped with such device	15741415	01/02/18	10290165	05/14/19	DUS Operating Inc.
Shifter location system for a motor vehicle	15350591	11/14/16	10281028	05/07/19	DUS Operating Inc.
Shift by wire transmission shift control system	14971224	12/16/15	10234028	03/19/19	DUS Operating Inc.
Biometric control member	15594179	05/12/17	10229309	03/12/19	DUS Operating Inc.
Composite module	15329627	01/27/17	10207656	02/19/19	DUS Operating Inc.
Extruded suspension linkage	15057699	03/01/16	10202013	02/12/19	DUS Operating Inc.
Pedal with snap-fit pivot bushing	15825687	11/29/17	10173650	01/08/19	DUS Operating Inc.
Vehicle Shifter assembly	14971048	12/16/15	10107388	10/23/18	DUS Operating Inc.
Vehicle shifter with offset cable actuator	15156840	05/17/16	10072751	09/11/18	DUS Operating Inc.
Roll-Formed goose neck hinge	15639481	06/30/17	10017972	07/10/18	DUS Operating Inc.
Hybrid metal polymer interlock	14928168	10/30/15	10016936	07/10/18	DUS Operating Inc.
Shift by wire transmission shift control system with park release	14972918	12/17/15	9970543	05/15/18	DUS Operating Inc.
Method for controlling an electromechanical interface device	15154460	05/13/16	9970538	05/15/18	DUS Operating Inc.
Integrated motor vehicle hybrid shelf assembly	15405590	01/13/17	9902337	02/27/18	DUS Operating Inc.
Extruded member corner connection	15060130	03/03/16	9849757	12/26/17	DUS Operating Inc.

PATENT	APPL. NUMBER	FILE DATE	PATENT NUMBER	ISSUE DATE	OWNER
Park brake control assembly	14789222	07/01/15	9845083	12/19/17	DUS Operating Inc.
Motor vehicle hybrid shelf assembly	15613654	06/05/17	9840202	12/12/17	DUS Operating Inc.
System and method transmitting detected object attributes over a dedicated short range communication system	15198600	06/30/16	9830814	11/28/17	DUS Operating Inc.
Release mechanism for a parking brake clutch	11831123	07/31/07	9827954	11/28/17	DUS Operating Inc.
Cable attachment assembly for a spare wheel	15012421	02/01/16	9809262	11/07/17	DUS Operating Inc.
Shifter assembly including display and actuation for driver control	13121780	03/30/11	9772031	09/26/17	DUS Operating Inc.
Motor vehicle hybrid shelf assembly	15178145	06/09/16	9701250	07/11/17	DUS Operating Inc.
Park brake lock mechanism with enhanced locking	13978676	01/20/14	9616863	04/11/17	DUS Operating Inc.
Hybrid multi-material outerbelt reinforcement	15144351	05/02/16	9610829	04/04/17	DUS Operating Inc.
Dual clutch cable control system	14924794	10/28/15	9587421	03/07/17	DUS Operating Inc.
Modular hybrid cross car beam assembly	15138881	04/26/16	9580107	02/28/17	DUS Operating Inc.
Vehicle shifter assembly	14550073	11/21/14	9529378	12/27/16	DUS Operating Inc.
Panel assembly having structural adhesive joint	14894216	11/25/15	9524711	12/20/16	Grouper Acquisition Company, LLC
Energy absorbing assembly for vehicle	14221226	03/20/14	9403498	08/02/16	Grouper Acquisition Company, LLC
Panel assembly having multi-layer patch for sound damping	14006577	02/14/14	9168880	10/27/15	Grouper Acquisition Company, LLC
Shift by wire transmission shift control system	13472936	05/16/12	8936524	01/20/15	DUS Operating Inc.
Transmission cable assembly for high temperature environments	11733841	04/11/07	8857289	10/14/14	DUS Operating Inc.

PATENT	APPL. NUMBER	FILE DATE	PATENT NUMBER	ISSUE DATE	OWNER
Multi-piece shifter cable system	13633365	10/02/12	8763492	07/01/14	DUS Operating Inc.
Metal panel assembly	13388625	02/02/12	8720641	05/13/14	Grouper Acquisition Company, LLC
Sound damping patch	13157360	06/10/11	8479876	07/09/13	Grouper Acquisition Company, LLC
Cable assembly	11938400	11/12/07	8418580	04/16/13	DUS Operating Inc.
Plastic core attachment for a push-pull cable assembly	11849700	09/04/07	8413542	04/09/13	DUS Operating Inc.
Vehicle panel assembly and method of attaching the same	13044978	03/10/11	8403390	03/26/13	Grouper Acquisition Company, LLC
Acrylate-based sound damping material and method of preparing same	11918420	10/12/07	7973106	07/05/11	Grouper Acquisition Company, LLC
Shift lock assembly	12437198	05/07/09	7971501	07/05/11	DUS Operating Inc.
Spare tire carrier having overload protection with controlled cable payout	11856389	09/17/07	7837179	11/23/10	DUS Operating Inc.
Compact core adjuster with vibration damping	11405395	04/17/06	7779720	08/24/10	DUS Operating Inc.
Integrated cable connection and shifter housing	10826133	04/16/04	7770489	08/10/10	DUS Operating Inc.
Terminal connectors and terminal connector assemblies	10828385	04/20/04	7752941	07/13/10	DUS Operating Inc.
Motor vehicle tire carrier having protection against lateral forces on winch cable	10930315	08/31/04	7731471	06/08/10	DUS Operating Inc.
Motor vehicle park brake cable and eyelet	11280646	11/16/05	7730805	06/08/10	DUS Operating Inc.

PATENT	APPL. NUMBER	FILE DATE	PATENT NUMBER	ISSUE DATE	OWNER
Over-molded compression limiter	11616926	12/08/06	7699571	04/02/10	DUS Operating Inc.
Automatic transmission shifter assembly with integrated ignition actuator	11840539	08/17/07	7597649	10/06/09	DUS Operating Inc.
Electronic actuated shifter for automatic transmissions	10812664	03/30/04	7469614	12/30/08	DUS Operating Inc.
Detent plunger for automatic transmission shifter	11619723	01/04/07	7467569	12/23/08	DUS Operating Inc.
Tire carrier disk clutch with positive clip retention	11369140	03/06/06	7434786	10/14/08	DUS Operating Inc.
Manual tire carrier with travel switch	10936269	09/08/04	7431268	10/07/08	DUS Operating Inc.
Actuator for shift-by-wire automatic transmission system	10985809	11/08/04	7241244	07/10/07	DUS Operating Inc.
Method for authorizing a driver to activate at least one system of a vehicle, based on a biometric authentication process	15872172	01/16/2017	10246055	04/02/2019	DUS Operating Inc.
Method and system for exchanging data between users of a vehicle	15441923	02/24/2017	10225391	03/05/2019	DUS Operating Inc.
Reverse clip cap terminal connector	10159755	05/30/2002	7559714	07/14/2009	DUS Operating Inc.