503902922 07/06/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	' DATA				
		Name Execution Da			
IISSIN KOGYO CO.	, LTD.		06/13/2016		
ECEIVING PARTY	DATA				
Name:	AUTOLIV	AUTOLIV NISSIN BRAKE SYSTEMS JAPAN CO., LTD.			
Street Address:	840, KOKU	840, KOKUBU, UEDA-CITY			
City:	NAGANO	NAGANO			
State/Country:	JAPAN	JAPAN			
		47842			
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CORRESPONDENC	I]		
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CORRESPONDENCI Fax Number: <i>Correspondence wil using a fax number,</i> Email: Correspondent Nam Address Line 1: Address Line 4: IAME OF SUBMITTE SIGNATURE: DATE SIGNED:	E DATA Il be sent to th if provided; if mfr me: AN 791 MC R: ent to ANBJ#pa	e e-mail address first; if that is unstitut is unsuccessful, it will be ser aley@rmsclaw.com DREW M. CALDERON 8 JONES BRANCH DRIVE, SUITE LEAN, VIRGINIA 22102 ANDREW M. CALDERON /Andrew M. Calderon/ 07/06/2016 ge1.tif	nt via US Mail.		

ASSIGNMENT

WHEREAS, NISSIN KOGYO CO., LTD., a corporation organized and existing under the laws of Japan, whose post office address is 840, Kokubu, Ueda-city, Nagano, Japan, hereinafter referred to as the ASSIGNOR, is desirous of assigning the entire right, title and interest for the United States in and to said applications and U.S. Letters Patent as listed in Schedule "A" filed and/or to be filed in the U.S. Patent and Trademark Office (USPTO), including any and all divisions, continuations, reissues, reexaminations, renewals and prolongations that arise therefrom, and any and all U.S. Letters Patent which may be granted thereon.

AND WHEREAS, AUTOLIV NISSIN BRAKE SYSTEMS JAPAN CO., LTD., a corporation organized and existing under the laws of Japan, whose post-office address is 840, Kokubu, Ueda-city, Nagano, Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said applications and U.S. Letters Patent as listed in Schedule "A", including any and all divisions, continuations, reissues, reexaminations, renewals and prolongations that arise therefrom, and any and all U.S. Letters Patent which may be granted thereon.

AND WHEREAS, ASSIGNOR represents and warrants that: (i) it has the legal right and power to enter into this Assignment; and (ii) upon the execution and delivery of this Assignment, this Assignment shall constitute a valid and binding obligation, enforceable in accordance with its terms.

NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR hereby assigns and transfers to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said applications and U.S. Letters Patent as listed in Schedule "A", for the United States, including any and all divisions, continuations, reissues, reexaminations, renewals and prolongations thereof, and any and all U.S. Letters Patent which may be granted thereon, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such U.S. Letters Patent when granted, including any and all renewals, reissues, reexaminations and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNOR hereby agrees to execute all papers and to take all actions necessary to assist in the prosecution and maintenance of such applications and U.S. Letters Patent as listed in Schedule "A", including any and all divisions, continuations, reissues, reexaminations, renewals and prolongations that arise therefrom and any and all U.S. Letters Patent which may be granted thereon, in administrative proceedings before the USPTO.

AND said ASSIGNOR authorizes and requests the Commissioner of Patents to issue Letters Patent on said applications, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The below signatory warrants that he/she is the authorized agent of the ASSIGNOR and he/she represents and that he/she has the authority to enter into the Agreement and to bind the ASSIGNOR thereto.

IN TESTIMONY WHEREOF, this assignment is executed by **Yasuhiko Tsuchiya**, General Manager of ASSIGNOR, this /3 day of June, at 840, Kokubu, Ueda-city, Nagano, Japan.

Tuchija Jackha

Yasuhiko Tsuchiya General Manager

PATENT REEL: 039086 FRAME: 0435

SCHEDULE "A"

No.	Assignor Ref. No.	Application Serial No.	U.S. Letters Patent
1	581A-US	14/716099	
2	589-US	12/949253	
3	632-US	13/488939	9283941
4	641-US	13/645992	9283938
5		13/653876	
6	646-US	13/669035	
7	655-US	13/724716	9248814
8	692-US	14/047466	9221448
9	693-US	14/051081	9260098
10	697-US	14/080423	ine productin se dont in the residence even des deex dessi
11	698-US	14/080413	
12	699-US	14/082720	
13	701-US	14/134407	9199620
14	711-US	14/224671	
-15	716-US	14/285016	
16	717-US	14/300672	
17	721-US	14/306735	9168903
18	722-US	14/307920	,
19	729-US	14/560276	
20	730-US	14/560286	
21	731-US	14/574812	
22	733-US	14/547842	·····
23	735-US	14/541958	
24	736-US	14/579269	2
25	737-US	14/608380	
26	738-US	14/574875	
27	740-US	14/541898	
28	745-US	14/658708	
29	747-US	14/632574	·
30	748-US	14/663512	
31	761-US	14/869352	
32	762-US	14/869386	
33	763-US	14/944304	
34	764-US	14/969868	
35	765-US	15/061270	
36	768-US	15/040511	
37	773-US	15/040474	
38	731A-US	15/171718	

PATENT REEL: 039086 FRAME: 0436

RECORDED: 07/06/2016