506284354 10/01/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIDEKI ENDO	09/28/2020

RECEIVING PARTY DATA

Name:	ALPS ALPINE CO., LTD.
Street Address:	YUKIGAYA-OTSUKAMACHI , OTA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	145-0067

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29753687

CORRESPONDENCE DATA

Fax Number: (312)321-4299

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: 312-321-4200

Email: ddudek@brinksgilson.com, usassignments@brinksgilson.com

Correspondent Name: BRINKS GILSON & LIONE

Address Line 1: 455 N. CITYFRONT PLAZA DRIVE

Address Line 2: NBC TOWER - SUITE 3600
Address Line 4: CHICAGO, ILLINOIS 60611

ATTORNEY DOCKET NUMBER:	16422-10 (GD-3321)
NAME OF SUBMITTER:	JACOB C. BACHMAN, REG. NO. 61,906
SIGNATURE:	/Jacob C. Bachman/
DATE SIGNED:	10/01/2020

Total Attachments: 2

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PATENT 506284354 REEL: 053950 FRAME: 0084

Case No. <u>16422-10</u> Client Ref. GD-3321

ASSIGNMENT

WHEREAS, Hideki ENDO, hereinafter called the "Assignor", has made the invention described in the United States patent application entitled "DASHCAM", executed by Assignor on the same date as this Assignment;

WHEREAS, ALPS ALPINE CO., LTD. a corporation organized and existing under the laws of Japan, having a place of business at 1-7, Yukigaya-otsukamachi, Ota-ku, Tokyo 145-0067, Japan, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in exchange for valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States, its territories and possessions, in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations-in-part, divisions, renewals, extensions or reissues of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention

-1-

PATENT REEL: 053950 FRAME: 0085

Case No. <u>16422-10</u> Client Ref. <u>GD-3321</u>

identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assigner will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

DATE: 1/28 202	o Hudeki Endo
WITNESSED:	Hideki ENDO
	2 1/ 7/
DATE: 9,28,20.	· Hiromi Kapasaku
DATE:	