PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4284769

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KYU SANG LEE	01/19/2017

RECEIVING PARTY DATA

Name:	MARS, INCORPORATED
Street Address:	6885 ELM STREET
City:	MCLEAN
State/Country:	VIRGINIA
Postal Code:	22101-3883

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29580754

CORRESPONDENCE DATA

Fax Number:

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.

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ATTORNEY DOCKET NUMBER:	020595-200300/US
NAME OF SUBMITTER:	JUNCHAO ZHANG
SIGNATURE:	/Junchao Zhang/
DATE SIGNED:	02/22/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT 504238092 REEL: 041327 FRAME: 0972

COMBINED OATH AND ASSIGNMENT

WHEREAS, I/We

Petertee TO Kyn JANG LEE

has(have) made the invention(s) described in patent application(s) entitled:

COLLAR ATTACHMENT

Mars Docket Number: WHI0003 USD

Further identified as:

US Patent Application number: <u>29/580,754</u> Filing or 371(c) Date: <u>October 12, 2016</u>

And is a 371 of, and/or claims priority to/benefit of:

Application Number	Filing Date	Filing Country
	9. TVA - 1. TVA	

I/WE HEREBY DECLARE THAT:

I) THE ABOVE-IDENTIFIED APPLICATION(S) WAS/WERE MADE OR AUTHORIZED TO BE MADE BY ME/US,

II) I/WE BELIEVE THAT I/WE AM/ARE THE ORIGINAL INVENTOR OR AN ORIGINAL JOINT INVENTOR OF A CLAIMED INVENTION(S) IN THE APPLICATION(S).

III) HEREBY ACKNOWLEDGE THAT ANY WILLFUL FALSE STATEMENT MADE IN THIS DECLARATION IS PUNISHABLE UNDER 18 USC 1001 BY FINE OR IMPRISONMENT OF NOT MORE THAN FIVE (5) YEARS, OR BOTH.

WHEREAS, Mars, Incorporated (hereinafter referred to as "Mars"), a corporation duly organized and existing under the laws of the State of Delaware, U.S.A., and having a principal office and place of business at 6885 Elm Street, McLean, Virginia, 22101-3883, U.S.A., desires to record a specific assignment to all rights, titles, and interests, which are assignable to the greatest extent permitted by laws, in and to the above-identified invention or inventions, and in and to any Letters Patent therefore in the United States of America and countries foreign thereto;

NOW THEREFORE, in consideration of One U.S. Dollar (US\$1.00) or equivalency in currencies other than U.S. Dollar, and other good and valuable consideration as well as awards and remunerations stipulated in separate agreements or policies under applicable law by each of us received, the receipt of which is hereby acknowledged, I/we jointly and severally have sold and assigned, and hereby do sell and assign, to **Mars** its successors and assigns, the entire right, title, and interest (a) in the above-identified invention or inventions and all improvements and modifications thereof, (b) in the above-identified application(s), all provisional and non-provisional applications for patent upon which the above-identified application claims benefit or

PATENT REEL: 041327 FRAME: 0973 is claimed by such application, and all other applications for patent of the United States of America and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) in all Letters Patent which may issue from said applications in the United States of America and countries foreign thereto, and (d) in all divisions, reissues, continuations, conversions, and extensions of said applications and Letters Patent; and the undersigned inventor(s) hereby authorize and request the U.S. Commissioner of Patents and Trademarks to issue all United States Letters Patent on such invention or inventions included herein to **Mars** as assignee of the entire interest.

I/we further agree to communicate to Mars, its successors and assigns, or their representatives or agents all facts and information known or available to me/us relating to said invention or inventions, improvements and modifications including evidence for interference, reexamination, reissue, opposition, revocation, conversion, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested; testify in person or by affidavit as required by Mars, its successors and assigns, in any such proceeding in the United States of America or a country foreign thereto; execute and deliver, on request, all lawful papers including, but not limited to, original, provisional, non-provisional, divisional, continuation, continuation-in-part, substitute, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, and depositions; and provide all reasonable assistance to Mars its successors and assigns, in obtaining and enforcing proper protection for said invention or inventions, improvements and modifications under the intellectual property laws of the United States of America and countries foreign thereto.

I/we authorize any attorney of record for the above-identified application(s) to insert the application number(s) and filing date(s) of such application(s) onto this document, when available.

IN TESTIMONY WHEREOF, I/we has(have) executed this Assignment on the dates stated after my(our) respective signature(s).

Name	Signature	Date	Address & Citizenship
Polertoo-184) Kyn Sang Lee	Jum	1/19/2017	Q Engineering 2084 Warmwood Lane San Jose, CA 95132
			Citizenship: USA

State of	INVENTORS, NOTARY IS REQU **CACT FORM TA)SS	Anotary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
County	of SANTA CLARA)	and a differences, according to that document
		✓Z personally appeared ★ンシン ऽ₳৴৴৻৳ ८८६ on as the same person whose name is subscribed to
		on as the same person whose name is subscribed to ged to me that such instrument was signed, sealed, voluntary act for the uses and purposes set forth