504348244 05/02/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date			
TAKASHI SAKAI	03/15/2017			
TAKAYUKI KATO	03/16/2017			
HIROMI UEDA	03/15/2017			
NAOTO MORISAKU	03/15/2017			

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	15507119			

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ATTORNEY DOCKET NUMBER: P51918 TIMOTHY S. SCHWARZ NAME OF SUBMITTER: **SIGNATURE:** /Timothy S. Schwarz/ **DATE SIGNED:** 05/02/2017

Total Attachments: 1

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PATENT REEL: 042213 FRAME: 0822 504348244

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

1) Sell(s), assign(s) and transfer(s) to

KABUSHIKI KAISHA TOYOTA JIDOSHOKKI

(hereinafter referred to as "ASSIGNEE"), which has a business office at

2-1, Toyoda-cho, Kariya-shi, Aichi-ken, Japan,

the entire right, title, and interest in any and all inventions and improvements disclosed in, application(s) based upon, and Patent(s) granted upon the information which is disclosed in the application entitled:

BATTERY MODULE

(File	No) for	which	I (we	e) have	e ex	xecu	ited	an .	applic	ation
for a	United	States	Letters	Patent	on	March	15	and	16,	2017	,	
(Appl:	ication	Serial	No. 15/5	507,119	f	iled o	on	Febr	ruary	7 27,	2017	

- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application, or any division, continuation, substitute or reissue thereof, to the ASSIGNEE.
- 3) Agree to execute all papers and documents and perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof and/or the enforcement of patents resulting from such applications.

Signed on the date(s) indicated beside my(our) signature(s).

1)lakashi SAKAI	Date:Mar, 15, 2017
Name: Takashi SAKAI	
2) Jakayuki Kato	Date:
Name: Takayuki KATO	
3) Hiromi UEPA Name: Hiromi UEDA	Date: Mar. 15, 2017
Name: HITOMI GLDA	
1) Name: Naoto MORT SAKU	Date: Mar. 17, 2017
Witness: Greeken Minth	Date: Mar 21, 20/7

PATENT REEL: 042213 FRAME: 0823

RECORDED: 05/02/2017