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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Motoya ITO	01/21/2009

RECEIVING PARTY DATA

Name:	DENSO CORPORATION			
Street Address:	1-1, Showa-cho			
City:	Kariya-city, Aichi-pref.			
State/Country:	JAPAN			
Postal Code:	448-8661			

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12362676

CORRESPONDENCE DATA

Fax Number: (703)816-4100

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER: MNL-2018-2239

NAME OF SUBMITTER: Michelle N. Lester

Total Attachments: 1

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PATENT REEL: 022180 FRAME: 0393

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Case No.	
116956	6-US-TA/vh

ASSIGNMENT OF U.S. PATENT APPLICATION

(ln	ventors)	Motoy		/				
		In con:	sideration (of the sum c	f one dollar	(\$1.00) and other	r go	ood and valuable
		considerations	paid to ea	ch of the un	dersigned,	the undersigned a	agre	e(s) to assign, and
		hereby does as			over to		_	
	signee)		ORPORAT			a corporation	of	Japan
(Address) 1-1, Showa-cho, Kariya-city, Aichi-pref., 448- (hereinafter designated as the Assignee) the ur						3661 Japan		
		the United State	signated a:	s the Assign	nee) the unc	dersigned's entire	righ	nt, title and interest for invention, and all
								therefore, known as
(Tit	tle)	ELECTRIC FU			o i etcin wi	non may be grain	.cu u	Herefore, Khown as
	,				executed o	on even date here	with	n an application for
		patent in the U	nited State	s of Americ	a or, if not o	on even date, the	n hai	s executed on
		train to the same of the same	c	or has alread	dy filed U.S	application Seri	al No	o, on
		assignee at the	ed acknow time the i	ledges an o nvention wa	bligation of is made.	assignment of th	is inv	vention to said
	The und	ersigned agree(s	s) to execu	ite all paper:	s and docui	ments necessary	in co	onnection with the
applica	ation or an	y interference w	nich may b	e declared	and any cor	ntinuing or division	nal a	applications thereof and
also to	execute s	eparate assignn	nents in co	nnection wit	th such app	lications as the A	.ssig	inee may deem
necess	sary or exp	ledient and furth	er to perto	rm any act v	which may i	oe necessary in c	onne	ection with claims or
provisi						al Property or sim		•
valid U	he und nited State	ersigned agree(ses patent to the a	s) to perfor Assignee.	m all affirma	ative acts w	hich may be nece	essa	ary to obtain a grant of a
	The und	ersigned hereby	authorize(s) and requ	est(s) the C	ommissioner of F	² ater	nts to issue any and all
Letters	Patent of	the United State	es resulting	from said a	application of	or any division or	divis	sions or continuing
applica	ations there	eof to the said A	ssignee, a	s Assignee	of the entire	interest, and her	reby	covenants that he has
(tney n	ave) tuli ri	gnt to convey the any agreement i	a entire inti	erest herein	assigned,	and that he has (t	hey	have) not executed an
WIN HOL								
!	I he und	ersigned hereby	grant(s) th	e firm of NI	XON & VAI	NDERHYE P.C. th	ne po	ower to insert on this
United	ment any i	test Office for re	non which i	may be nec	essary or d	estrable in order t	.0 00	omply with the rules of t
attorne	ve Nivon A	tent Ontce torre ₹ Vanderhve P (:cordation (or uns documented or	III EIII. II IS I	EE and will contir	gree	ed that ASSIGNEE'S
ASSIG	NEE with	respect to this in	vention.	nescrited of	ny Addidiv	LL and win condi	iue i	to represent only
		-		e undersign:	ed on the d	ate(s) onnosite th	e un	ndersigned signature(s)
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	Hanus	Ty 21,2009 Signa			Mat		1(1+	
Date	Ţ		Signature of inventor	or -	1 1 ordige	٤	900	
Date January 21,2009 Signature of inventor Motoya Uto Motoya Ito								
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Date	Ya	muary 21.	2009	Witn	accad by	Shingo	7	tubuoka

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PATENT REEL: 022180 FRAME: 0394