PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroshi YANAGIMOTO	02/03/2009
Takeshi BESSHO	02/03/2009
Hidemi NAWAFUNE	02/03/2009
Kensuke AKAMATSU	02/03/2009

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	
Street Address:	1, Toyota-cho	
City:	Toyota-shi, Aichi	
State/Country:	JAPAN	
Postal Code:	471-8571	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12525967	

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	William H. Mandir

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Total Attachments: 2 source=ASSIGNMENT_FILING#page1.tif source=ASSIGNMENT_FILING#page2.tif

> PATENT REEL: 023057 FRAME: 0550

Attorney's Docket No.:
Assignment of Application
WHEREAS, I (WE)
iroshi YANAGIMOTO of Seto-shi, Aichi, Japan,
akeshi BESSHO of Toyota-shi, Aichi, Japan,
idemi NAWAFUNE of Kobe-shi, Hyogo, Japan and
ensuke AKAMATSU of Kobe-shi, Hyogo, Japan
,respectively,
ave invented certain new and useful improvements in:
IRCUIT BOARD AND METHOD FOR MANUFACTURING THE SAME
r which an application for Letters Patent was executed on
Application No. PCT/JP2008/053900 ,filed February 27, 2008 ,and
WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA
ereinafter referred to as "ASSIGNEE")having a place of business at:
Toyota-cho, Toyota-shi, Aichi 471-8571 Japan
desirous of acquiring the entire right, title and interest in and to said invention and in and
y Letters Patent that may be granted therefore in the United States and its territor
assessions and in any and all foreign countries:

NOW,THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any official of any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

PATENT REEL: 023057 FRAME: 0551 Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its legal representatives and assigns covenant and any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of SUGHRUE MION, PLLC, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 U.S.A. the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: February 3, 2009	Signature of inventor) Hiroshi YANAGIMOTO
Date: February 3, 2009	(Signature of inventor) Takeshi BESSHO
Date: February 3, 2009	(Signature of inventor) Hidemi NAWAFUNE
Date: February 3 2009	Keisuke Akamatsu (Signature of inventor) Kensuke AKAMATSU

PATENT REEL: 023057 FRAME: 0552

RECORDED: 08/05/2009