

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Luverne R. Peterson</td><td>01/07/2009</td></tr><tr><td>James R. Welch</td><td>02/10/2009</td></tr></tbody></table>	Name	Execution Date	Luverne R. Peterson	01/07/2009	James R. Welch	02/10/2009	
Name	Execution Date						
Luverne R. Peterson	01/07/2009						
James R. Welch	02/10/2009						
RECEIVING PARTY DATA							
Name:	Toshiba America Electronic Components, Inc.						
Street Address:	19900 MacArthur Boulevard, Suite 400						
City:	Irvine						
State/Country:	CALIFORNIA						
Postal Code:	92612						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12273031</td></tr></tbody></table>	Property Type	Number	Application Number:	12273031			
Property Type	Number						
Application Number:	12273031						
CORRESPONDENCE DATA							
Fax Number:	(216)592-5009						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	216-592-5000						
Email:	patents@tuckerellis.com						
Correspondent Name:	TUCKER ELLIS & WEST LLP						
Address Line 1:	1150 HUNTINGTON BUILDING						
Address Line 2:	925 EUCLID AVENUE						
Address Line 4:	CLEVELAND, OHIO 44115-1414						
ATTORNEY DOCKET NUMBER:	64272/00058						
NAME OF SUBMITTER:	Michael E. Hudzinski						
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif							

OP \$40.00 12273031

500778281

PATENT
REEL: 022239 FRAME: 0495

source=Assignment#page3.tif
source=Assignment#page4.tif

ASSIGNMENT

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: Name: Luverne R. PETERSON

 Address: 16196 Rimstone Ln.
 San Diego, California 92127
 Citizenship: USA

ASSIGNOR: Name: James R. WELCH

 Address: 19725 Sculte Farm Rd.
 Corcoran, Minnesota 55340
 Citizenship: USA

hereby sell, assign and transfer to:

ASSIGNEE: Name: Toshiba America Electronic Components, Inc.

 Principal Place
 Of Business: 19900 MacArthur Boulevard, Suite 400
 Irvine, California 92612

 Corporation
 Of: California

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled:

DIGITAL OUTPUT TEMPERATURE SENSOR

and which is found in (37 C.F.R. § 3.21)

U.S. Provisional Patent Application Serial No. _____ filed on the _____ day of _____.

To comply with 37 C.F.R. § 3.21 for recordal of this assignment, we, as ASSIGNOR(S) signing below, hereby authorize and request our attorney to insert below the filing date and application number when they become known.

U.S. application No. 12/273,031 filed on November 18, 2008

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for such invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent, any reissue or re-examination thereof.

ASSIGNOR(S) hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Signed at San Diego, Ca. on this
(City) (State)

7th day of Jan., 2009.
(day)

Luverne R. Peterson

Luverne R. PETERSON

Signed at Bloomington, MN on this
(City) (State)

10 day of Feb, 2009.
(day)

James R. Welch
James R. WELCH