

PATENT ASSIGNMENT

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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>Toshiki ISHIKAWA</td><td>03/24/2008</td></tr><tr><td>Hiroshi ANDO</td><td>03/24/2008</td></tr><tr><td>Takayuki FUJIKAWA</td><td>03/24/2008</td></tr></tbody></table>	Name	Execution Date	Toshiki ISHIKAWA	03/24/2008	Hiroshi ANDO	03/24/2008	Takayuki FUJIKAWA	03/24/2008	
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Toshiki ISHIKAWA	03/24/2008								
Hiroshi ANDO	03/24/2008								
Takayuki FUJIKAWA	03/24/2008								
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									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12056946</td></tr></tbody></table>	Property Type	Number	Application Number:	12056946					
Property Type	Number								
Application Number:	12056946								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Michelle N. Lester								
Total Attachments: 1 source=efileASSIGNMENT#page1.tif									

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PATENT
REEL: 020713 FRAME: 0978

Case No. :
110128-US-TOK/mik

ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) Toshiki Ishikawa
Hiroshi Ando
Takayuki Fujikawa

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) DENSO CORPORATION a corporation of Japan

(Address) 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan
 (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as

(Title) HEAD-UP DISPLAY APPARATUS
 for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on _____ or has already filed U.S. application Serial No. _____, on _____.

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date	<u>March 24, 2008</u>	Signature of Inventor	<u>Toshiki Ishikawa</u> Toshiki Ishikawa
Date	<u>March 24, 2008</u>	Signature of Inventor	<u>Hiroshi Ando</u> Hiroshi Ando
Date	<u>March 24, 2008</u>	Signature of Inventor	<u>Takayuki Fujikawa</u> Takayuki Fujikawa
Date	<u>March 24, 2008</u>	Witnessed by:	<u>Shinji Hashimada</u>
Date	<u>March 24, 2008</u>	Witnessed by:	<u>Shinji Hashimada</u>
Date	<u>March 24, 2008</u>	Witnessed by:	<u>Shinji Hashimada</u>

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