

ASSIGNMENT

WHEREAS, (1) NGK INSULATORS, LTD., a corporation of Japan having a place of business at 2-56, Suda-cho Mizuho-ku, Nagoya-City, Aichi-Prefecture, 467-8530, Japan; and (2) NISSAN MOTOR CO., LTD., a corporation of Japan having a place of business at 6-17-1, Ginza, Chuo-ku, Tokyo 104-23, Japan, as joint owners, via Assignment recorded on August 20, 1997, in the U.S. Patent and Trademark Office records at Reel 1008691, Frame 0633, of U.S. Patent Application Serial No. 08/820,025, filed March 19, 1997, issued as U.S. Patent 5,912,429 on June 15, 1999,

WHEREAS, NGK INSULATORS, LTD. (hereinafter "Assignor") desires to assign the entirety of its right and interest in and to said '429 patent and any continuations, divisions, reissues, certificates of re-examination, or extensions thereof (hereinafter called "Patent Property") for the United States, its territories, dependencies and possessions to NISSAN MOTOR CO., LTD. (hereafter "Assignee").

Now, To All Whom It May Concern: Be it know that for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid to said Assignor, the receipt of which is hereby acknowledged, the said Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto the said Assignee its successor and

assigns, the entirety of Assignor's heretofore undivided rights, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Property (and patents that may be granted therefrom), and any divisions, continuations, reissues, re-examination certificates or extensions thereof; the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by said Assignor and Assignee jointly had this assignment and sale not been made, together with all claims for damages by reason of past infringement of said Patent Properties with the right to sue for, and collect the same for Assignee's use and for the use of its successors, assigns and other legal representatives.

The Assignor agrees to execute all papers necessary in connection with said Patent Property and any continuing, divisional or reissue applications or re-examinations thereof, and to execute separate assignments in connection with such applications should the Assignee deem same necessary or expedient.

The Assignor further agrees to execute all papers necessary in connection with any interference which may be declared concerning said Patent Properties and to cooperate with Assignee

in every way possible in obtaining evidence and going forward with such interference.

The Assignor further agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of International Convention for Protection of Industrial Property or similar agreements.

The Assignor hereby covenants that it has full right to convey the interest herein assigned, and that it has not executed and will not execute, any agreement in conflict herewith.

The Assignor grants the firm of Parkhurst & Wendel, L.L.P. 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 U.S. Patent and Trademark Office for recording of this document.

This Assignment is effective as of the 18th day of June 2003.

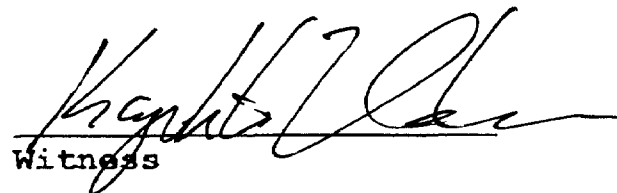
Date: June 18, 2003

NGK INSULATORS, LTD.

Shingo Sasaki
Witness


Signature of Office of Assignor

Name: Kenzo Morita


Witness

Title: Director and General Manager
Legal Affairs and Intellectual
Property Department