

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 9,097,971 B2
APPLICATION NO. : 14/126535
DATED : August 4, 2015
INVENTOR(S) : Utsumi et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Specification

Column 1, Lines 25-28, above "DESCRIPTION OF RELATED ART" delete "Priority is claimed on Japanese Patent Application No. 2011-135672, filed Jun. 17, 2011, and Japanese Patent Application No. 2011-220101, filed Oct. 4, 2011, the contents of which are incorporated herein by reference."

Column 3, Line 44, "formula (1)" should read --formula (I)--.

Column 31, Line 6, "polymrization" should read --polymerization--.

Column 33, Line 5, "thereof" should read --thereof--.

Column 35-36, Line 29, "(11)" should read --(I1)--.

Column 35-36, Line 30, "(12)" should read --(I2)--.

Column 35-36, Line 31, "(13)" should read --(I3)--.

Column 35-36, Line 32, "(14)" should read --(I4)--.

Column 35-36, Line 33, "(15)" should read --(I5)--.

Column 41, Line 34, "(10)" should read --(I0)--.

Column 44, Line 52, "sulfoneamide" should read --sulfonamide--.

Column 44, Line 60, "polycyclolefin" should read --polycycloolefin--.

Column 46, Line 10, "(A 1)" should read --(A1)--.

Column 47, Line 6, "(an 1)" should read --(an1)--.

Column 47, Line 30, "(an 1)" should read --(an1)--.

Column 47, Line 44, "(an-1)" should read --(an1)--.

Column 55, Line 55, "heteroarlyene" should read --heteroarylene--.

Column 57, Line 55, "W⁵²" should read --R⁵²--.

Column 61, Line 11, "R⁶," should read --R⁶--.

Column 67, Line 44, "R¹, Z, Q, p" should read --R¹, Z, Q, p--.

Column 69, Line 43, "α-substituted)" should read --(α-substituted)--.

Column 117, Line 7, "(a11-1-2)" should read --(a11-0-2)--.

Column 133, Line 14, "group" should read --group--.

Signed and Sealed this
Twenty-seventh Day of June, 2017



Joseph Matal
*Performing the Functions and Duties of the
Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office*