2000046 80-5

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : C09G 1/02 — A1

(11) International Publication Number: WO 00/37578

(43) International Publication Date: 29 June 2000 (29.06.00)

(21) International Application Number: PCT/JP99/07166

(22) International Filing Date: 21 December 1999 (21.12.99)

(30) Priority Data:

10/362707	21 December 1998 (21.12.98)	JP
60/136,371	26 May 1999 (26.05.99)	US
11/331107	22 November 1999 (22.11.99)	JP

(71) Applicant *(for all designated States except US)*: SHOWA DENKO K. K. [JP/JP]; 13–9, Shiba Daimon 1–chome, Minato–ku, Tokyo 105–8518 (JP).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: KIDO, Takanori [JP/JP]; Showa Denko K. K. Shiojiri Works, 1, Oaza Soga, Shiojiri–shi, Nagano 399–6461 (JP). SANBAYASHI, Masayuki [JP/JP]; Showa Denko K. K. Shiojiri Works, 1, Oaza Soga, Shiojiri–shi, Nagano 399–6461 (JP). TUJINO, Fumio [JP/JP]; Showa Denko K. K. Shiojiri Works, 1, Oaza Soga, Shiojiri–shi, Nagano 399–6461 (JP). ICHIKAWA, Kagetaka [JP/JP]; Showa Denko K. K. Shiojiri Works, 1, Oaza Soga, Shiojiri–shi, Nagano 399–6461 (JP).

(74) Agents: ISHIDA, Takashi et al.; A. Aoki, Ishida & Associates, Toranomon 37 Mori Bldg., 5–1, Toranomon 3–chome, Minato–ku, Tokyo 105–8423 (JP).

(81) Designated States: KR, SG, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

Published
With international search report.
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: CERIUM OXIDE SLURRY FOR POLISHING, PROCESS FOR PREPARING THE SLURRY, AND PROCESS FOR POLISHING WITH THE SLURRY

(57) Abstract

A cerium oxide slurry for polishing comprising cerium oxide dispersed in water, wherein the slurry has a conductivity of 30c.μS/cm or less when the cerium oxide concentration in the slurry is c wt.%. In order to adjust the conductivity to 30c.μS/cm or less, cerium oxide is washed with deionized water.