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(71) Applicant (for all designated States except US): **EXXON-MOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BANGARU,**

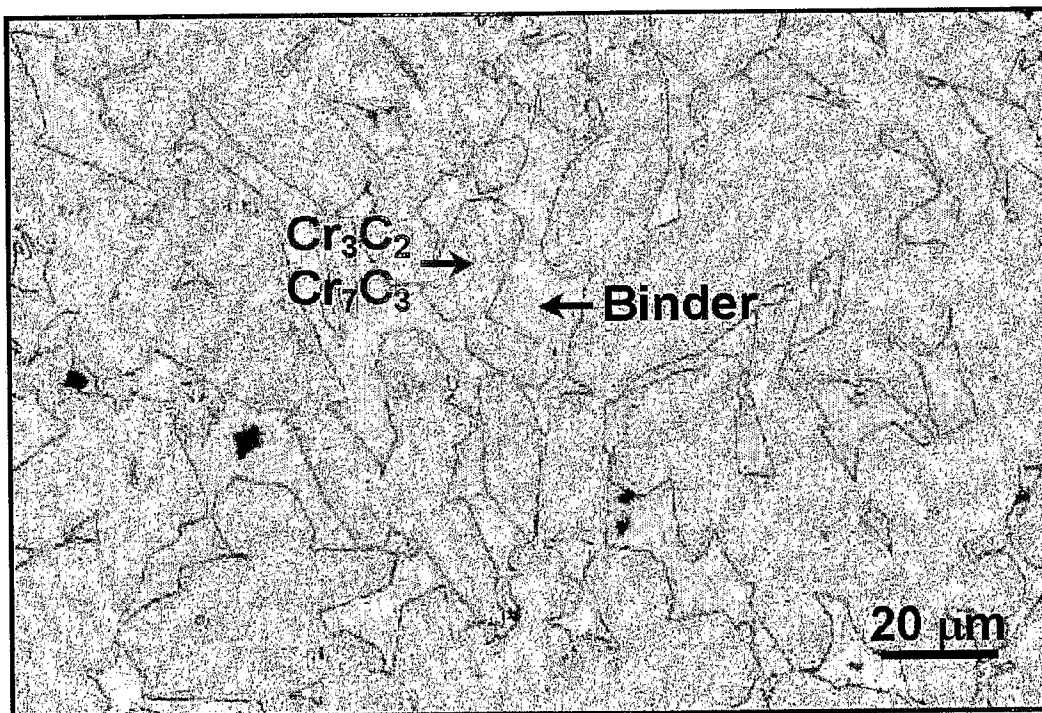
Narasimha-Rao, Venkata [US/US]; 5 Revere Court, Annandale, NJ 08801 (US). **CHUN, ChangMin** [KR/US]; 106 Tomahawk Court, Belle Mead, NJ 08502 (US). **THIRUMALAI, Neeraj, Srinivas** [IN/US]; 106 Arrowhead Court, Apt. D7, Phillipsburg, NJ 08865 (US). **LING, Shiun** [US/US]; 66 Park Avenue, Apt. D3, Washington, NJ 07882 (US). **JIN, Hyun-Woo** [KR/US]; 680 Corliss Avenue, Apt. 3B, Phillipsburg, NJ 08865 (US). **KOO, Jayoung** [US/US]; 828 Star View Way, Bridgewater, NJ 08807 (US). **PETERSON, John, Roger** [US/US]; 43683 Frost Court, Ashburn, VA 20147 (US). **ANTRAM, Robert, Lee** [US/US]; 7343 Windsor Court, Warrenton, VA 20186 (US). **FOWLER, Christopher, John** [US/US]; 7116 Wesley Road, Springfield, VA 22150 (US).

(74) Agents: **VARADARAJ, Ramesh** et al.; ExxonMobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

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(54) Title: EROSION-CORROSION RESISTANT CARBIDE CERMETS FOR LONG TERM HIGH TEMPERATURE SERVICE



(57) Abstract: Cermets are provided in which the ceramic phase is selected from the group consisting of Cr_{23}C_6 , Cr_7C_3 , Cr_3C_2 and mixtures thereof. The binder phase is selected from certain specified Ni/Cr alloys and certain Fe/Ni/Cr alloys. These cermets are particularly useful in protecting surfaces from erosion at high temperatures.

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