



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : B22F 3/14	A1	(11) International Publication Number: WO 99/02288 (43) International Publication Date: 21 January 1999 (21.01.99)
(21) International Application Number: PCT/US98/13719 (22) International Filing Date: 1 July 1998 (01.07.98) (30) Priority Data: 60/052,262 11 July 1997 (11.07.97) US Not furnished 1 July 1998 (01.07.98) US (71) Applicant: JOHNSON MATTHEY ELECTRONICS, INC. [US/US]; East 15128 Euclid Avenue, Spokane, WA 99216 (US). (72) Inventors: SHAH, Ritesh, P.; 23415 East Desmet Court, Liberty Lake, WA 99019 (US). MORALES, Diana, L.; South 1220 Rotchford Drive, Veradale, WA 99037 (US). KELLER, Jeffrey, A.; 528 South Ray, Spokane, WA 99202 (US). (74) Agent: GIOIA, Vincent, G.; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (US).		(81) Designated States: CN, DE, GB, JP, KR, SE, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>
(54) Title: INTERMETALLIC ALUMINIDES AND SILICIDES SPUTTERING TARGETS, AND METHODS OF MAKING SAME		
(57) Abstract <p>Described is an in situ method for producing articles of metal aluminide or silicide by reactive sintering and vacuum hot pressing powders and products, such as sputtering targets, produced.</p> 		