“Long-Term Oxidation of an As-Cast Ni₃Al Alloy at 900 °C and 1100 °C” by Dongyun Lee, M.L. Santella, I.M. Anderson, and G.M. Pharr.

Due to a printing error, the following figures were printed without some information which originally appeared beneath the artwork.

The corrected figures are herewith printed (Figures 5, 6, 7, 12, 13, 14, and 15):

Fig. 5—EDX spectral imaging maps of the oxide distribution in cross section of a specimen aged for 100 h at 900 °C (30 kV). The lighter regions in the maps represent higher levels of the oxide.

(e) $\text{Cr}_2\text{O}_3/\text{NiCr}_2\text{O}_4$

(f) NiO

Fig. 5—(Continued). EDX spectral imaging maps of the oxide distribution in cross section of a specimen aged for 100 h at 900 °C (30 kV). The lighter regions in the maps represent higher levels of the oxide.

(a) SE image, 30 keV

(b) Al_2O_3

(c) ZrO_2

(d) NiAl_2O_4

(e) $\text{Cr}_2\text{O}_3/\text{NiCr}_2\text{O}_4$

(f) NiO

Fig. 6—EDX spectral imaging maps of the oxide distribution in cross section of a specimen aged for 3000 h at 900 °C (30 kV). The lighter regions in the maps represent higher levels of the oxide.

(a) SE image, 4 keV

(b) Al_2O_3

(c) $\text{NiO/NiAl}_2\text{O}_4$

(d) ZrO_2

Fig. 7—EDX spectral imaging maps of the oxide distribution in cross section of a specimen aged for 3000 h at 900 °C. The images were obtained at 4 kV to improve spatial resolution. The lighter regions in the maps represent higher levels of the oxide.

(a) SE image, 8 keV

(b) Enlarged images of the surface on (a)

(c) Al_2O_3

(d) ZrO_2

Fig. 12—EDX spectral imaging maps of the oxide distribution in the cross section of a specimen aged for 1 h at 1100 °C (8 kV). The lighter regions in the maps represent higher levels of the oxide.

(e) NiAl_2O_4

(f) $\text{NiCr}_2\text{O}_4/\text{Cr}_2\text{O}_3$

(g) NiO

Fig. 12—(Continued). EDX spectral imaging maps of the oxide distribution in the cross section of a specimen aged for 1 h at 1100 °C (8 kV). The lighter regions in the maps represent higher levels of the oxide.

(a) SE image, 30 KeV

(b) Enlarged image of a box on (a)

(c) $(\text{Al,Cr})_2\text{O}_3$

(d) NiO

Fig. 13—EDX spectral imaging maps of the oxide distribution in the cross section of a specimen aged for 100 h at 1100 °C (30 kV). The lighter regions in the maps represent higher levels of the oxide.

(e) Cr-oxide

(f) NiAl_2O_4

(g) $\text{ZrO}_2 + \text{Cr, Ni}$

Fig. 13—(Continued). EDX spectral imaging maps of the oxide distribution in the cross section of a specimen aged for 100 h at 1100 °C (30 kV). The lighter regions in the maps represent higher levels of the oxide.

Fig. 14—Schematic diagram of oxidation at 900 °C.

Fig. 15—Schematic diagram of oxidation at 1100 °C.