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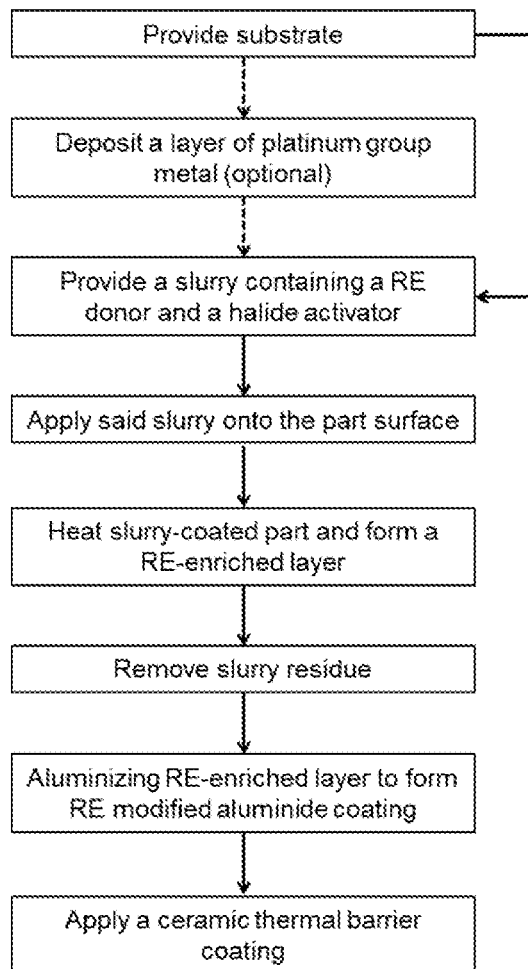


Figure 1 shows a block flow diagram, in accordance with principles of the present invention, for a process of forming a RE modified aluminide coating.

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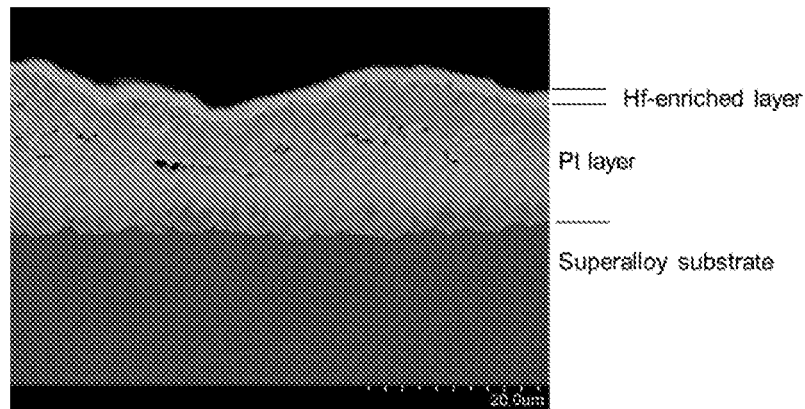


Figure 2 shows a SEM micrograph of the Hf-enriched layer that is a precursor for production of the Hf-modified platinum aluminide coating after performing Hf deposition from a novel and improved slurry formulation of the present invention

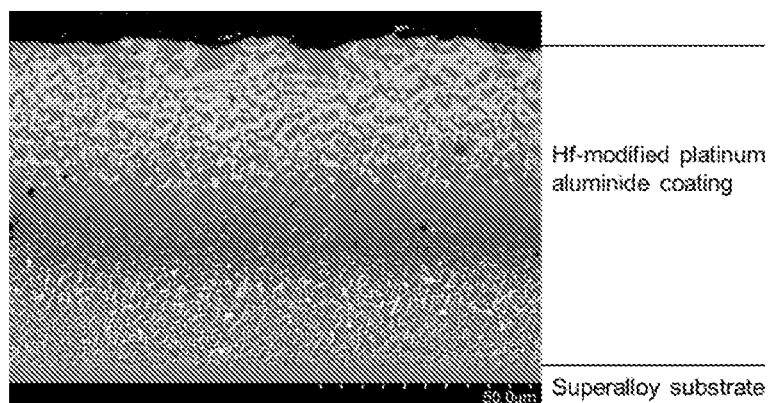


Figure 3 shows a SEM micrograph of the hafnium-modified platinum aluminide coating after vapor phase aluminizing in accordance with the principles of the present invention.