

Coated and Uncoated MM137 Braze Alloy Mixture Stress Rupture Chart;
Base Metal Alloy; CMSX-3; Braze Joints with 0.040" and 0.005" Gaps



G00002



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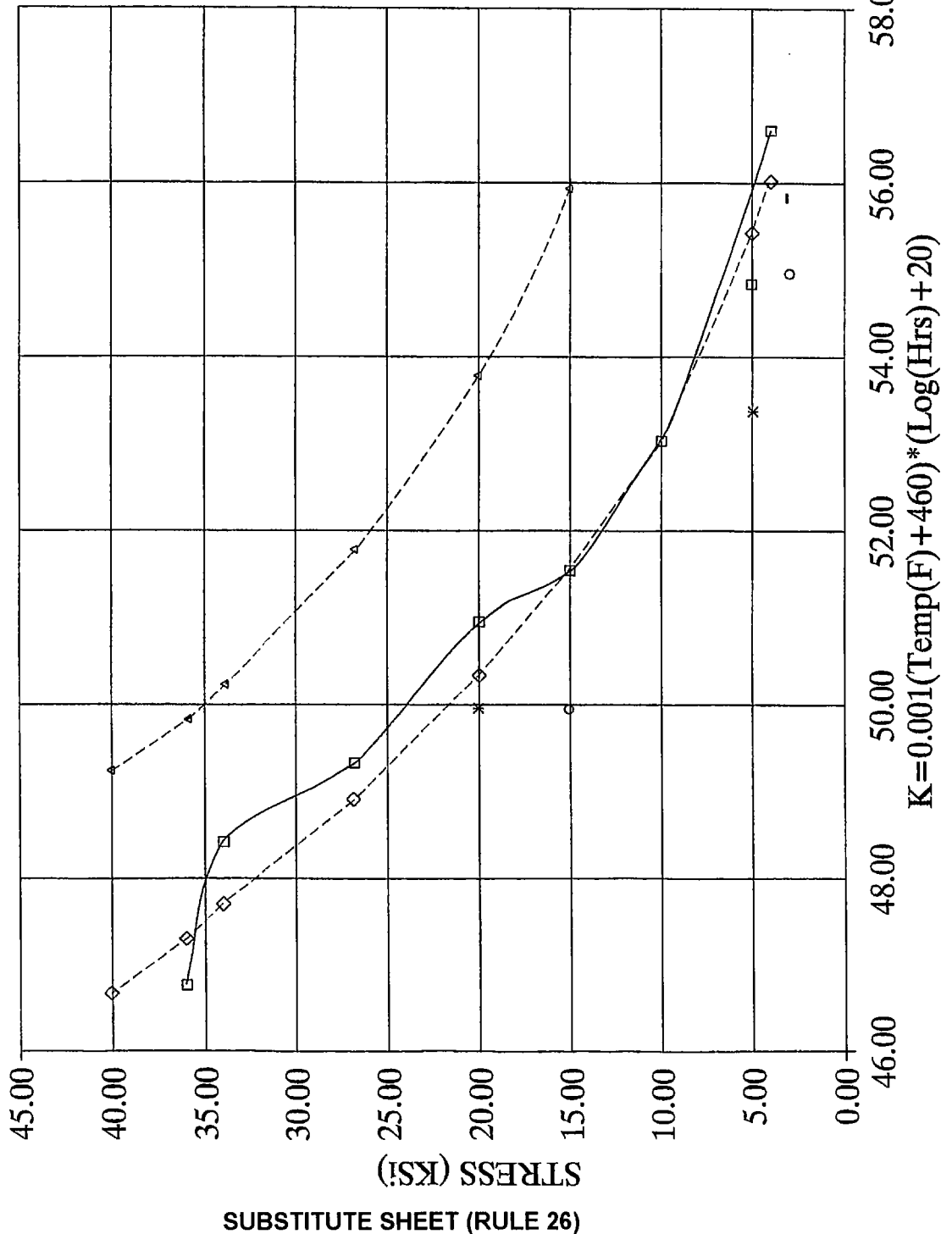


Fig. 1

1900F Low Cycle Fatigue (LCF); MM137; Base Metal Alloy: CMSX-3; Braze Joint Gap 0.040"

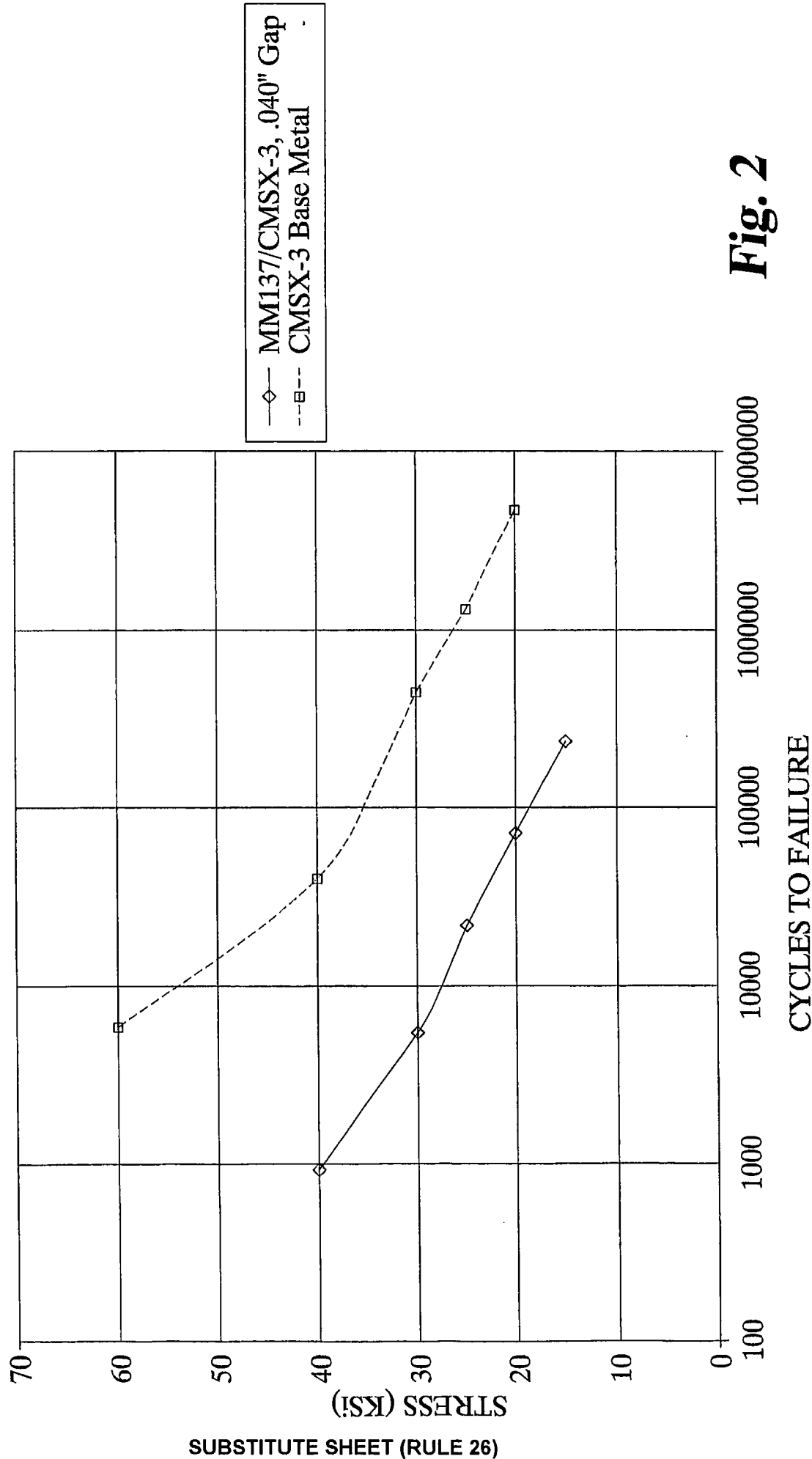


Fig. 2

Cyclic Furnace Oxidation @ 2075 F

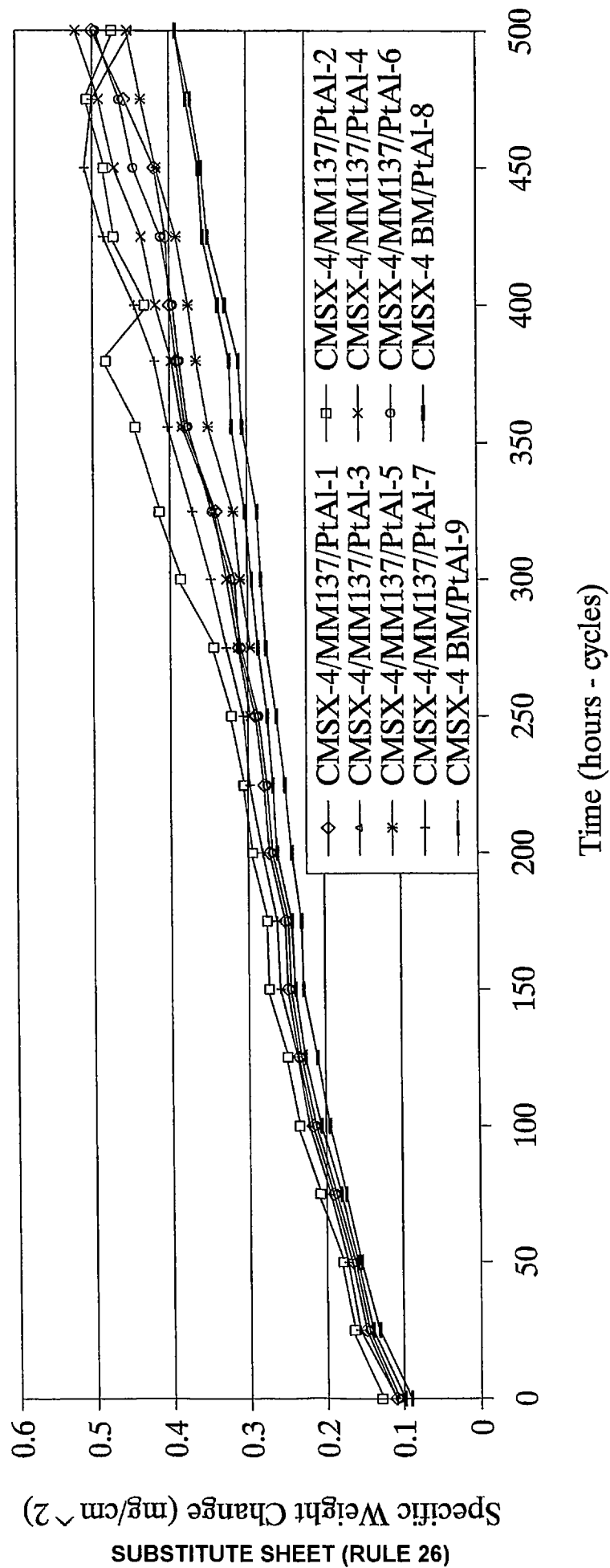


Fig. 3

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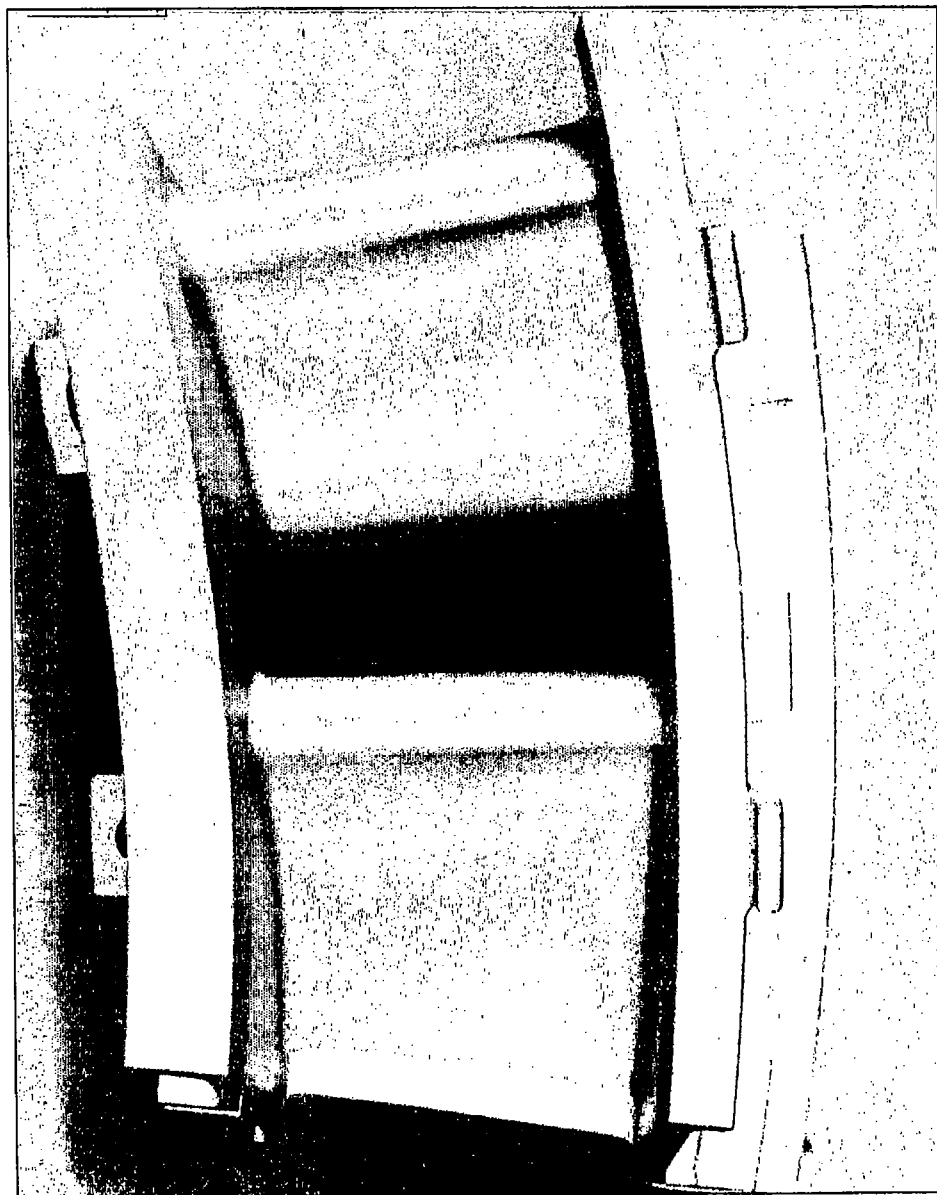


Fig. 4A

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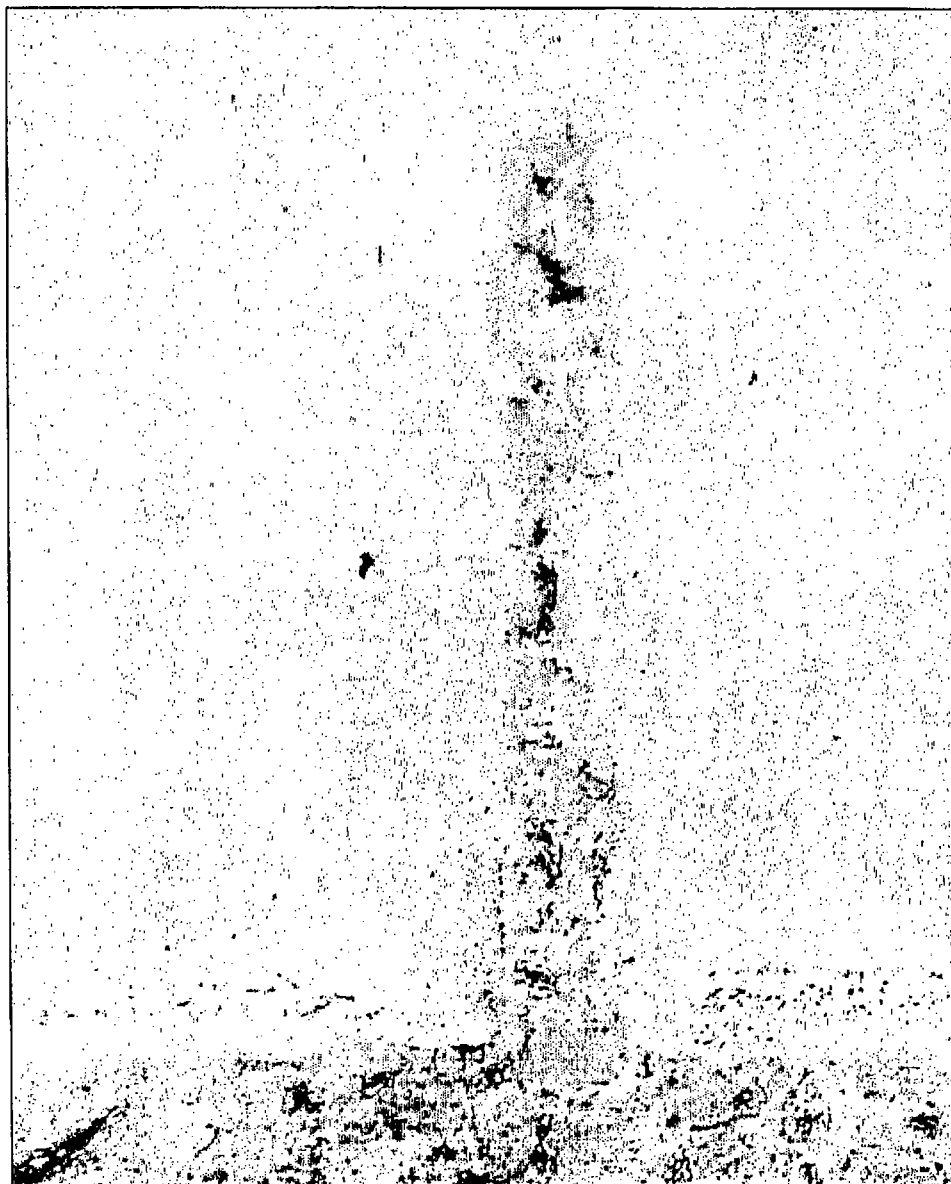


Fig. 4B

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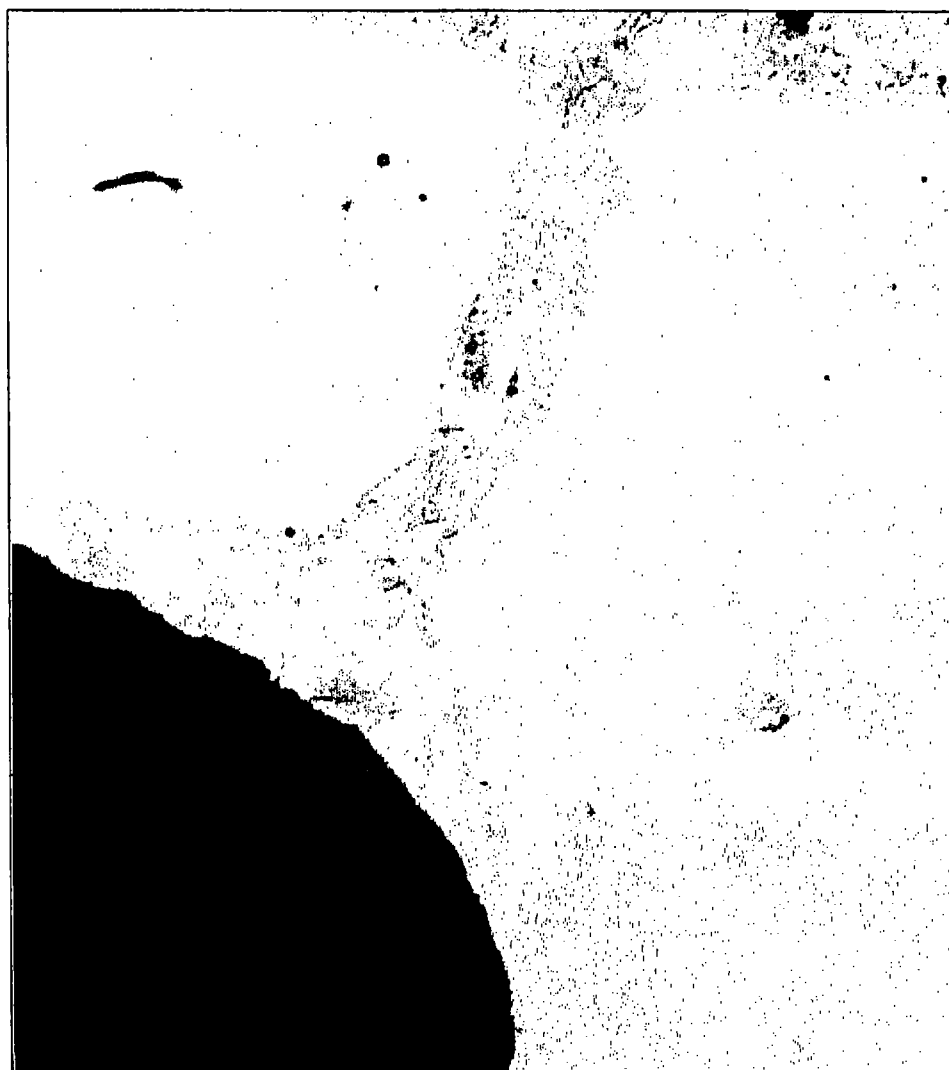


Fig. 4C

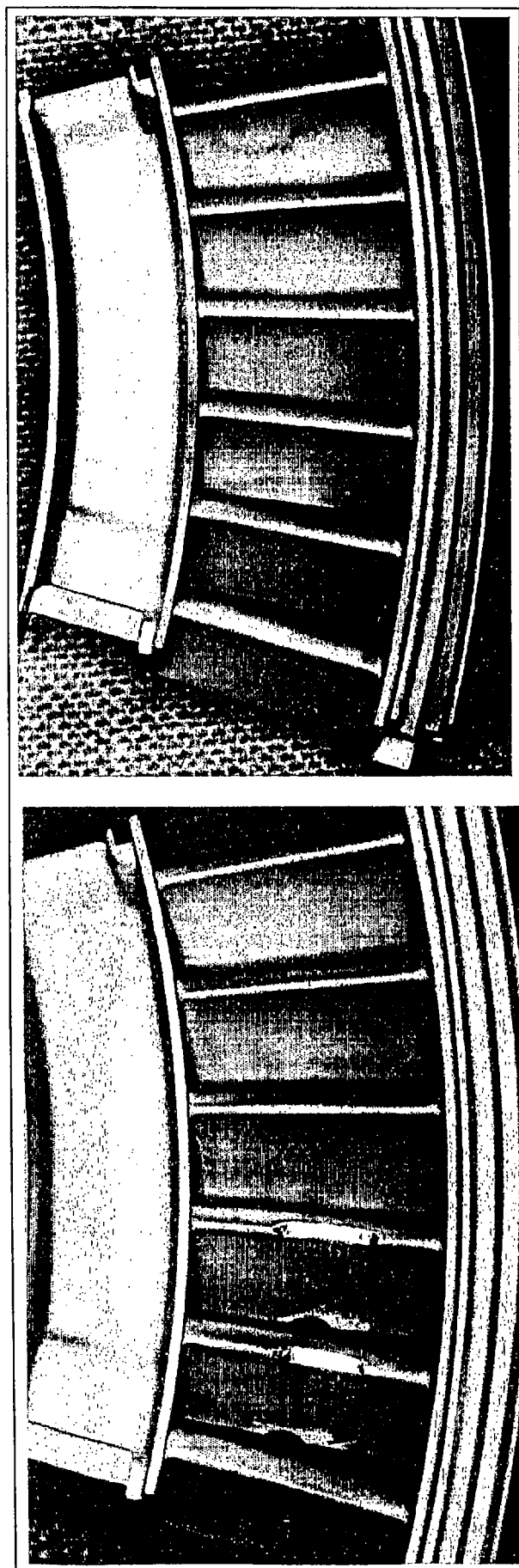


Fig. 5a

Leading edge sides of vane segment prior to and after braze repair.

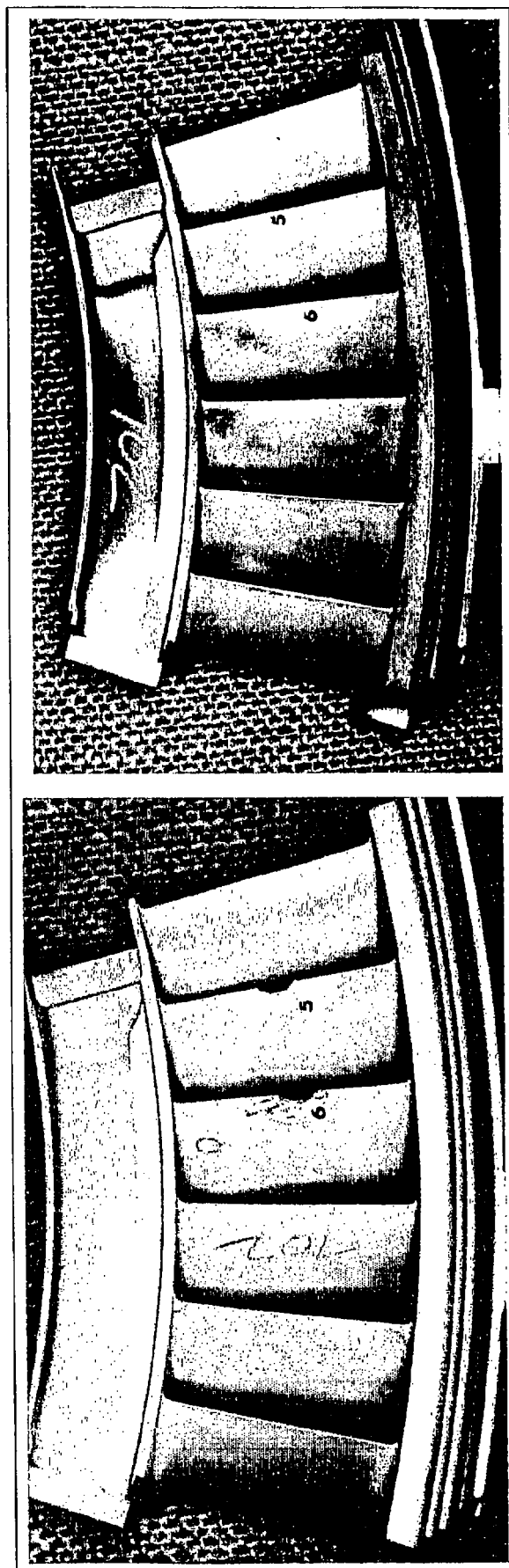


Fig. 5b

Trailing edge sides of vane segment prior to and after braze repair.