KAWASAKI STEEL TECHNICAL REPORT No. 47 December 2002

Development of High Dimensional Accuracy Smaller Diameter Wire Rods and Square Coils Manufactured by 4-Roll Mill

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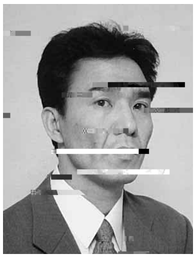

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Synopsis:

[illegible]

1 Introduction

[illegible]

[illegible]

2 4-Roll Rolling Technology

2.1 Characteristics of 4-Roll Rolling

[illegible]

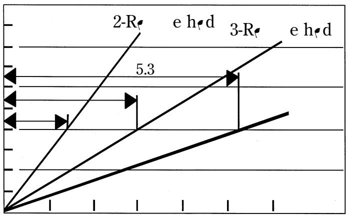
Figure 1 [illegible]

[illegible] **- Figure 2** [illegible]

[illegible]

2.2 Application of 4-Roll Mills

[illegible] **Fig. 3** [illegible]



[illegible] **- Figures 4** [illegible] **Table 1-** [illegible]

[illegible]

3 Development of Small Diameter Wire Rods with High Dimensional Accuracy

[illegible]

3.1 Stable Material Feed to 4-Roll Wire Rod Mill

[illegible]