

**Docket #:** S00-097

# **Interconnect with repeaters capable of becoming data buffers**

## **Applications**

- Integrated circuits.
- Interconnects with switching and routing, as well as off-chip interconnects.

## **Advantages**

- Provides a long interconnect having a data circuit and a congestion circuit.
- Data transmission is not only fast but also very reliable.
- Multiple data signals can exist simultaneously in the long interconnect.
- Prevents unnecessary loss of data signals which are transmitted from the upstream end through the long interconnect during the latency period after the downstream end transmits a refusal to receive data signal.

## **Innovators**

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## **Licensing Contact**

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