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William A. Munck, Reg. No. 39,308

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William A. Munck
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Sept. 26, 2000
Date

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
P04721

Whereas, I, Abhijit M. Phanse of Santa Clara, California, hereafter referred to as applicant, have invented certain new and useful improvements in System and Method for Cancelling Signal Echoes in a Full-Duplex Transceiver Front End

for which an application for a United States Patent was filed on 12 May 2000,
Application Number 09 /569,957.

for which an application for a United States Patent was executed on _____, and

Whereas, National Semiconductor Corporation of Santa Clara, California 95051 herein referred to "assignee" whose post office address is 2900 Semiconductor Drive is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of two dollars (\$ 2.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this Eighteenth day of September, 2000,
at National Semiconductor Corporation

A Phanse

(Signature)

State of California SS:
County of Santa Clara

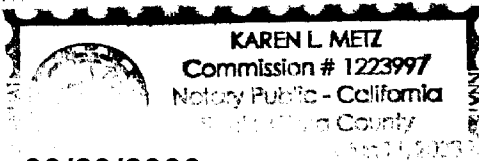
Before me personally appeared said Abhijit M. Phanse
and acknowledged the foregoing instrument to be his free act and deed this 18th
day of September, 2000.

Karen L. Metz

(Notary Public)

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