

PATENT ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name: Morejon, Israel

Execution Date: 11/08/2002

Name: Dholakia, Jwalant

Execution Date: 11/08/2002

Name: Zeng, Yueping

Execution Date: 11/08/2002

RECEIVING PARTY DATA

Name: Jabil Circuit, Inc.

Street Address: 10800 Roosevelt Boulevard

Internal Address:

City: St. Petersburg

State: FLORIDA

Country:

Postal Code: 33716

PROPERTY NUMBERS

Application Number: 10065635

Number of Properties: 1

The USPTO, Office of Public Records, will send correspondence via facsimile to **FAX NUMBER:** 727-507-8668

CORRESPONDENCE DATA:

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When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 021901

NAME OF PERSON SIGNING: Ronald E. Smith
800004205

PATENT
REEL: 013242 FRAME: 0392

OP \$40.00 10065635

DATE SIGNED:

11/14/2002

Total Attachments: 2

ASSIGNMENT OF RIGHTS IN PATENT APPLICATION

Assignors

Israel Morejon

Jwalant Dholakia

Yueping Zeng

Post Office Address of Assignors

10800 Roosevelt Boulevard
St. Petersburg, Florida 33716

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St. Petersburg, Florida 33716

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St. Petersburg, Florida 33716

Assignee

Jabil Circuit, Inc.
(A Delaware Corporation)

Principle Place of Business of Assignee

10800 Roosevelt Boulevard
St. Petersburg, Florida 33716

WHEREAS, WE, the above-identified Assignors, are the applicants in the following U.S. patent application:

Serial Number

10/065,635

Title

Discrete Multitone Modem
Initialization System

Date of Filing

November 5, 2002

Hereinafter referred to as the "patent application";

And, whereas we desire to assign a 100% undivided interest in said patent application to the above-identified Assignee, and wherein said Assignee is desirous of acquiring the entire right, title and interest in the same;

Now, this indenture witnesseth, that for value received, the receipt and sufficiency whereof is hereby acknowledged;

We hereby assign, sell and transfer a 100% undivided interest in the entirety of the bundle of rights, title, and interest in and to said patent application, unto said Assignee, together with all claims for damages and profits by reason of any past infringement of said letters patent and the right to sue therefor, and together with the right to file said patent application or any division, continuation, or continuation-in-part thereof in any foreign jurisdiction under the Paris Convention or the Patent Cooperation Treaty, such interests, claims, and rights, to be held and enjoyed by the Assignee for its own use and for its successors and assigns, to the full end of the term for which a patent issuing from said patent application may be granted, and any reissues, renewals, or extensions thereof as may be

granted, as fully and entirely as the same would have been held by Assignor had this Assignment and sale not been made;

And we further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee, or its designees as Assignee or its Assignees may from time-to-time present to us in order to perfect title in said patent application;

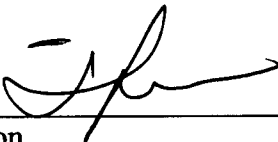
And we further covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

And we further covenant that Assignee will, upon its request, be provided promptly with all pertinent facts and documents relating to said patent application as may be known and accessible to us and we will testify to the same in any interference or litigation related thereto and will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments, declarations, or affidavits required to apply for, obtain, maintain, and enforce said patent application or patent issuing therefrom which may be necessary or desirable to carry out the purposes hereof;

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

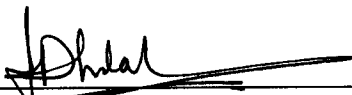
Upon being duly cautioned, we hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true and further that false statements and the like so made are punishable by fine, imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the patent application and any patent issuing therefrom.

Executed this 8 day of November, 2002, at St. Petersburg, Florida.



Israel Morejon

Date: NOV 8, 2002



Jwarrat Dholakia

Date: 11/08/02



Yueping Zeng

Date: Nov. 8. 2002