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U.S. Department of Commerce
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**RECORDATION FORM COVER SHEET
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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID# _____

Correction of PTO Error
Reel # _____ Frame # _____

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Reel # _____ Frame # _____

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other Release of Security Interest

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name (line 1) Manufacturers Bank N.A.

11101999

Name (line 2) a Michigan banking association

Second Party

Execution Date
Month Day Year

Name (line 1) _____

Name (line 2) _____

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Dale Electronics, Inc.

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2) a Delaware corporation

Address (line 1) 1122 23rd Street

Address (line 2) _____

Address (line 3) Columbus Nebraska 68601
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name _____

Address (line 1) _____

Address (line 2) _____

Address (line 3) _____

Address (line 4) _____

12/27/1999 JSHABAZZ 00000101 4884053
01 FC:581 360.00 DP

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 010452 FRAME: 0180

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT
PCT PCT PCT

Number of Properties

Enter the total number of properties involved. #

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)
Deposit Account Number: #

Authorization to charge additional fees: Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Susan M. Kornfield
Name of Person Signing

Susan M. Kornfield
Signature

9 December 1999
Date

RELEASE OF PATENT SECURITY INTEREST

That Agreement executed and delivered by Dale Electronics, Inc., of Columbus, Nebraska, to Manufacturers Bank N.A. f/k/a/ Manufacturers Bank of Detroit, a national banking association, and recorded in the United States Patent and Trademark Office on February 7, 1992 on Reel 6080, Frame 0038, and encumbering the patents described in the attached Exhibit "A" is hereby released by Comerica bank, successor by merger to Manufacturers Bank N.A. f/k/a/ Manufacturers Bank of Detroit.

Made this 10th day of November, 1999.

WITNESS:

COMERICA BANK, successor by merger to
MANUFACTURERS BANK N.A. F/K/A/
MANUFACTURERS BANK OF DETROIT

Scott P. Gyorko
Scott P. Gyorko

By: [Signature]

Rachelle P. Tyshka
Rachelle P. Tyshka

Its: VICE PRESIDENT

STATE OF MICHIGAN)
)SS
COUNTY OF WAYNE)

The foregoing instrument was acknowledged before me this 10th day of November, 1999, by Dan Roman, a Vice President of Comerica Bank, a Michigan banking corporation and successor by merger to Manufacturers Bank N.A. f/k/a/ Manufacturers Bank of Detroit, on behalf of the corporation.

Phyllis L. Nelson
Notary Public

Wayne County, Michigan
My Commission Expires: _____

PHYLLIS L. NELSON
Notary Public, Wayne County, MI
Commission Expires, December 22, 2003

EXHIBIT A

I. UNITED STATES REGISTERED PATENTS

REG. NO.	REG. DATE
4,884,053	11/28/89
4,926,542	05/22/90
4,613,855	09/23/86
4,452,531	06/05/84
RE33,520	01/15/91
4,318,072	03/02/82
4,455,744	06/26/84
4,286,249	08/25/81
4,306,217	12/15/81

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