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OMB No. 0651-0027 (exp. 5/31/2002)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Mark VANDERMEULEN
David ROY

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 1/3/2002

2. Name and address of receiving party(ies)

Name: Gennum Corporation

Internal Address: 970 Fraser Drive

Street Address: Same

City: Burlington, Ontario CANADA State: Zip: L7L 5P5

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 09/992,678

B. Patent No.(s) _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Joseph M. Sauer, Esq.

Internal Address: JONES, DAY, REAVIS & POGUE

North Point

901 Lakeside Avenue

Street Address: Same

City: Cleveland State: OH Zip: 44114

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

501432 (Ref. 764164605019)

FEB 21 2002

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9. Signature.

David B. Cochran
Name of Person Signing

David B. Cochran
Signature

2/15/02
Date

Total number of pages including cover sheet, attachments, and documents: 3

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

PATENT
REEL: 012643 FRAME: 0443

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

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for which an application for Letters Patent of the United States was filed on November 19, 2001 for which application is identified as U.S. Serial No. 09/992,678 (Jones, Day, Reavis & Pogue Docket No. 764164605019).

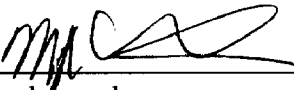
WHEREAS, GENNUM CORPORATION, a corporation organized under the laws of the Province of Ontario CANADA, having a place of business at 970 Fraser Drive, Burlington, Ontario, CANADA L7L 5P5, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in and to said inventions and improvements including the patent rights therefor.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we hereby assign and transfer unto assignee, its successors and assigns, all right, title, and interest, in the United States and throughout the world, in and to said inventions and improvements and all patent applications, patents, patent rights, and inventor's certificates therefor, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues thereof, all right to sue for past infringement thereunder, and all patents which may be granted for said inventions and improvements by states or nations other than the United States and all applications therefor; we covenant and agree for ourselves and for our executors, administrators, and legal representatives that, at assignee's request, we will execute and deliver any applications, affidavits, assignments, and other instruments as may be deemed necessary or desirable to secure for or vest in assignee, its successors or assigns, all right, title, and interest in and to any application, patent, or other right or property covered by this assignment, including the right to apply for and obtain patents in foreign countries under the provisions of the International Convention; and we hereby request and authorize the United States Commissioner of Patents and Trademarks to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in and to the same, and authorize appropriately empowered officials of foreign countries to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title, and interest in and to the same.

The undersigned hereby grants the firm of Jones, Day, Reavis & Pogue the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: JAN 3 2002


Mark Vandermeulen
#404 2210 LAKESHORE DRIVE
DURINGTON, ON CANADA
L7R 4J9
CANADA

STATEMENT BY WITNESS

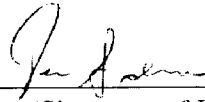
I, Denis Salvador, whose full Post Office address is
(Name of Witness)

50 GARDNER ST, Hamilton, Ontario, Canada L9C 0V9


(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: Jan 3 2002


(Signature of Witness)

Date: Jan 3, 2002


David Roy
258 Ash Street
PORT COLBORNE, ONTARIO
L3K 2X2
CANADA

STATEMENT BY WITNESS

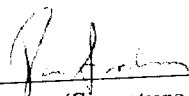
I, Denis Salvador, whose full Post Office address is
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Date: Jan 3 2002


(Signature of Witness)