

09-21-2001

Atty. Dkt. No. 033337/0123

FORM PTO-1595 (modified)

(Rev 6-93)

RE



SHEET

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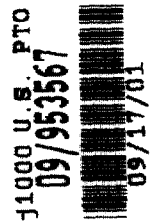
1. Name of conveying party(ies):

M. Imran HAYEE

09/17/01

2. Name and address of receiving party(ies):

DORSAL NETWORKS, INC.  
9212 Berger Road  
Columbia, Maryland 21046  
United States of America



Additional conveying party(ies) attached?

NO

3. Nature of conveyance:

ASSIGNMENT

Execution Dates:

September 14, 2001

Additional name(s) &amp; address(es) attached? NO

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

09/953567

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

September 14, 2001

A. Patent Application Number(s):

B. Patent Number(s):

Additional numbers attached? NO

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

Johnny A. Kumar  
FOLEY & LARDNER  
Washington Harbour  
3000 K Street, N.W., Suite 500  
P.O. Box 25696  
Washington, D.C. 20007-8696

6. Total number of applications/patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

☒ Check Enclosed☐ Charge to deposit account

8. Deposit account number: 19-0741

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*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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.*

Johnny A. Kumar  
Reg. No. 34,649

September 17, 2001

Name of person signing

Signature

Date

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

002.638171

PATENT  
REEL: 012172 FRAME: 0324

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**ASSIGNMENT - WORLDWIDE**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

*name and  
address of  
assignee*                      **DORSAL NETWORKS, INC.  
9212 Berger Road  
Columbia, Maryland, 21046  
United States of America**

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in

*title of  
invention*

**ELECTRONIC RZ/CSRZ SIGNAL GENERATION FOR  
OPTICAL COMMUNICATION SYSTEMS**

as set forth in this United States Patent Application


*check one*      ☒ executed concurrently herewith  
☐ executed on \_\_\_\_\_  
☐ Serial No. \_\_\_\_\_ Filed \_\_\_\_\_

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths,

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The undersigned hereby grant the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: M. Imran HAYEE	Signature: 	Date: 9/14/01
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

NAMES AND SIGNATURES OF WITNESSES		
Name:	Signature:	Date:
Name:	Signature:	Date:

*Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.*

IPT-407;4/90(1)(modified)