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RECORDED

08-30-2002

Atty Ref/Docket No.: 1488.016US



102206138

To the Honorable Commissioner of Patents and Trademarks: Pl

reof.

1. Name of conveying party(ies):

Gomathi Sankar

*8-20-02*

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

Name: Sasken Communication Technologies Limited

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

3. Nature of conveyance:

- Assignment [ ] Merger
- Security Agreement [ ] Change of Name
- Other \_\_\_\_\_

Street Address: 3008 12th B Main  
 HAL 2nd Stage  
 Indiranagar  
 Bangalore, Kamataka 560008 India

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

Execution Date: 4/19/02

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: 4/19/02

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [ ]Yes [X]No

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

Name: Bradley A. Forrest

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402

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. Please charge any additional fees or credit any overpayments to our Deposit account number: 19-0743

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9. 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.

Bradley A. Forrest/Reg. No. 30,837  
Name of Person Signing

*Bradley A. Forrest*  
Signature

8-20-2002  
Date

Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

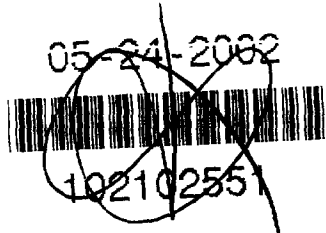
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5/14/02



Any Ref/Docket No.: 1488.016US1

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

1. Name of conveying party(ies):

Gomathi Sanker

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

Name: Sasken Communication Technologies Limited

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

3. Nature of conveyance:

- Assignment                       Merger
- Security Agreement             Change of Name
- Other \_\_\_\_\_

Street Address: 3008 12th B Main  
HAL 2nd Stage  
Indiranagar  
Bangalore, Karnataka 560008 India

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

Execution Date: 4/19/02

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: 4/19/02

A. Patent Application No.(s)

B. Patent No.(s)

10/146688

Additional numbers attached? [ ] Yes [X] No

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

Name: Prakash Nama

Address: Schwegman, Lundberg, Woessner & Kuth, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402

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. Please charge any additional fees or credit any overpayments to our Deposit account number: 19-0743

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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.

Prakash Nama/Reg. No. 44,255  
Name of Person Signing

*[Signature]*  
Signature

05/14/02  
Date

Total number of pages including cover sheet: 3

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10986 U.S. PTO  
10/146688  
05/14/02

## ASSIGNMENT

WHEREAS, I, Gomathi Sankar, residing at A-51, Rema Sky View Apartments, 16, 2nd Main, K.R. Gardens, Murugeshpalaya, Bangalore 560017, India, made certain new and useful inventions and improvements for which I executed an application for Letters Patent of the United States on Even Date Herewith, which is entitled METHOD FOR FINDING REPRESENTATIVE VECTORS IN A CLASS OF VECTOR SPACES.

AND WHEREAS, Sasken Communication Technologies Limited, a corporation organized and existing under and by virtue of the laws of Karnataka, and having an office and place of business at 3008 12th B Main, HAL 2nd Stage, Indiranagar, Bangalore, Karnataka 560008, India, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

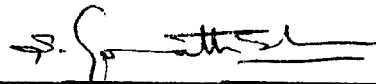
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand

this 19<sup>th</sup> day of April, 2002.

  
\_\_\_\_\_  
Gomathi Sankar

On this 19<sup>th</sup> day of April, 2002, before me personally appeared Gomathi Sankar to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Witness:

G. A. KARTHIK [Name]

G. A. Karthik [Signature]