

Form PTO 1595  
(Rev. 6-93)



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AMJAD SOOMRO  
KIRAN CHALLAPALI  
JAVIER DEL PRADO PAVON  
SAISHANKAR NANDAGOPALAN

Additional name(s) of conveying party(ies)  
attached?

Yes  No

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

Name: KONINKLIJKE PHILIPS ELECTRONICS N.V.

Street Address: GROENEWOUDSEWEG 1

City: EINDHOVEN Country: THE NETHERLANDS

Additional name(s) & address(es) attached?

Yes  No

3. Nature of conveyance:

Assignment  Merger

Security Agreement

Change of Terms

Other \_\_\_\_\_

Execution Date: November 4,5, 2002

10/ 314576

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 November 4,5, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: PHILIPS ELECTRONICS NORTH AMERICA  
CORPORATION

Internal Address:

Street Address: 580 White Plains Road

City: Tarrytown State: NY Zip: 10591

6. Total number of applications and patents  
involved:

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

Enclosed  Authorized to Deposit Account

8. Deposit Account Number: 14-1270

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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.

Laurie E. Gathman, Reg.No. 37,520  
Name of Person Signing

Signature

December 9, 2002  
Date

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12/09/02

12-9-02

SOLE/JOINT ASSIGNMENT

Docket No. US 020321

For good and valuable consideration, I, as a below-named Assignor, hereby sell, assign, and transfer the entire right, title, and interest in the following to Koninklijke Philips Electronics N.V., a corporation organized under the laws of the Netherlands, having a place of business at Groenewoudseweg 1, 5621 BA, Eindhoven NL, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) my/our invention relating to "APPARATUS AND METHOD FOR PROVIDING QoS SERVICE SCHEDULE AND BANDWIDTH ALLOCATION TO A WIRELESS STATION" as described in the U.S. patent application

executed concurrently herewith,

executed on \_\_\_\_\_,

filed in the United States Patent and Trademark Office

on \_\_\_\_\_ as Serial Number \_\_\_\_\_,

(2) the foregoing application and all other U.S. and foreign patent applications based thereon, including divisions, continuations, reissues, and extensions, and

(3) all patents granted on these applications.

I will provide my cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutorial actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee. I authorize and request that these patents be issued to the Assignee.

I certify that I have the full right to convey the above rights.

11/4/2002 (signature\*) Amjad H. Soomro, Assignor  
Date (printed name\*) Amjad Soomro

11/5/2002 (signature\*) Kiran, Assignor  
Date (printed name\*) Kiran Challapali

11/5/2002 (signature\*) Javier, Assignor  
Date (printed name\*) Javier Del Prado Pavon

11/4/2002 (signature\*) Saishankar Nandagopalan, Assignor  
Date (printed name\*) Saishankar Nandagopalan