To the Commissioner for Patents:

1. Name of conveying party(ies):
   JAVIER DEL FRADO PAVON
   SAI SHARON NANDAWADAL
   SUNGHYUN CHO
   TAKASHI SATO
   JEFF BENNET

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

2. Address of receiving party(ies):
   Name: KONINKLIJKE PHILIPS ELECTRONICS N.V.
   Street Address: GROENEMOUDSEWEG 1
   City: 5621 RA EINDHOVEN
   Country: THE NETHERLANDS

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

3. Nature of conveyance:
   Assignment [x]
   Merger [ ]
   Security Agreement [ ]
   Change of Terms [ ]
   Other [ ]

   Execution Date: 10/17/2002, 10/17/2002, 01/08/2003,
   10/24/2002, 10/17/2002

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)
      10/289,758
   B. Patent No.(s)
      B. Patent No.(s)
      Additional numbers attached? Yes [ ] No [x]

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: PHILIPS ELECTRONICS NORTH AMERICA CORPORATION
   Street Address: 580 WHITE PLAINS ROAD
   City: TARRYTOWN State: NY Zip: 10591

6. Total number of applications and patents involved:
   1

7. Total fee (37 CFR 3.41) ...940.00
   Enclosed [x]
   Authorized to Deposit Account [ ]

8. Deposit Account Number: 14-1270
   (Attach duplicate copy of this page paying by deposit account)

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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.

   Aaron Waxler, Reg. 48,027
   Name of Person Signing
   Signature
   Date

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

Mail documents to be recorded with required cover sheet information to:
   Commissioner of Patents and Trademarks
   Box Assignments
   Washington, D.C. 20231
SOLE/JOINT ASSIGNMENT

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 Delaware corporation having a place of business at Groenewoudseweg 1, 5621 BA, Eindhoven, The Netherlands, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"): 

(1) my/our invention relating to SYSTEM AND METHOD FOR PERFORMING CLOCK SYNCHRONIZATION OF NODES CONNECTED VIA A WIRELESS LOCAL AREA NETWORK (703080) as described in the U.S. patent application

[ ] executed concurrently herewith,
[ ] executed on __________, as Serial Number __________,
[ ] 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.

10/17/02
Date

(signed name) Javier del Prado Pavon
(printed name) Sai Shankar Nandagopalan
Assignor
Assignor

10/24/02
Date

(signed name) Sunghyun Choi
(printed name) Takasi Sato
Assignor
Assignor

11/17/02
Date

(signed name) Jeff Beane
(printed name) Jeff Beane
Assignor
Assignor

State of
County of

On this _____ day of _____________, 20___ before me personally appeared

known to me to be the person(s) who executed the foregoing assignment and acknowledged to me that he/she executed this assignment of his/her own free will.

Notary Public

s:\pi\ASSIGNUS.WP
SOLE/JOINT ASSIGNMENT

Docket No. US020072

USA - Domestic 4/87

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., 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/or our invention relating to SYSTEM AND METHOD FOR PERFORMING CLOCK SYNCHRONIZATION OF NODES CONNECTED VIA A WIRELESS LOCAL AREA NETWORK as described in the U.S. patent application [ ] executed concurrently herewith, [ ] executed on [X ] filed in the United States Patent and Trademark Office on November 07, 2002 as Serial Number 10/289,758 (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.

(signature) , Assignor

(printed name) Javier del Prado Pavon

(signature) , Assignor

(printed name) Sai Shanker Nandagopalan

(signature) Sunghyun Choi

(printed name) Takashi Sato

(signature) Jeff Bennet

(printed name)

On this _____ day of ______________, 20__ before me personally appeared

known to me to be the person(s) who executed the foregoing assignment and acknowledged to me that he/they executed this assignment of his/their own free will.

Notary Public

State of

County of

RECORDED: 02/20/2003

PATENT

REEL: 013761 FRAME: 0527