

A/S 581-40

1014 Rec'd PCT/PTO 08 SEP 2005

Form PTO-1595
(Rev. 03/01)
DOCKET # US030054
OMB No. 0651-0027 (exp. 5/31/2002)

RECOF

04-07-2006

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office



10/548707

Tab settings → → →

103213943

To the Honorable Commissioner of Patents and Trademarks: Please

and original documents or copy thereof.

1. Name of conveying party(ies):

ATUL GARG
JAVIER DEL PRADO PAVON
SAI SHANKAR
AMJAD SOOMRO
ZHUN ZHONG

2. Name and address of receiving party(ies)

Name: KONINKLIJKE PHILIPS ELECTRONICS, N.V.

Street Address: GROENEWOUDSEWEG 1

City: EINDHOVEN

Country: THE NETHERLANDS Zip: 5621 BA

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

3. Nature of conveyance:

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

Execution Date: July 11,14, 2003

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

10/548707

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

If this document is being filed together with a new application, the execution data of the application is July 11,14, 2003

A. Patent Application No.(s)
NOT ASSIGNED YET

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: PHILIPS ELECTRONICS NORTH AMERICA CORPORATION

Internal Address:

Street Address: P.O. BOX 3001

City: BRIARCLIFF MANOR State: NY Zip: 10510-8001

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:

14-1270

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

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

Signature

Date

9/8/05

Total number of pages including cover sheet, attachments, and documents: 6

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments, Alexandria, VA 22313
OR FAX TO: 703-306-5995

PATENT
REEL: 017750 FRAME: 0155

SOLE/JOINT ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I/we, as a below-named Assignor(s), hereby sell, assign, and transfer the entire and exclusive 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/our invention relating to "SCHEDULE ELEMENT FRAME SYNCHRONIZATION WITH SUBSTANTIALLY ABSOLUTE START-TIME"

for which

[] a U.S. provisional application for patent will be filed in the United States Patent and Trademark Office,

[] a U.S. provisional patent application was filed in the United States Patent and Trademark Office on _____ having a Serial Number _____,

(2) the foregoing application and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, reexaminations, reissues, and extensions thereof, and

(3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issues any and all Letters Patent when granted, solely to **Koninklijke Philips Electronics N.V.**, for its sole use, and that of its successors, assigns, and legal representatives.

I/we will provide my/our 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/we 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/We certify that I/we have the full right to convey the above rights.

X <u>07/14/03</u>	X <u><i>Atul Garg</i></u>	, Assignor
Date	Atul Garg	
_____	_____	, Assignor
Date	Javier del Prado Pavon	
_____	_____	, Assignor
Date	Sai Shankar	
_____	_____	, Assignor
Date	Amjad Soomro	
_____	_____	, Assignor
Date	Zhun Zhong	

SOLE/JOINT ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I/we, as a below-named Assignor(s), hereby sell, assign, and transfer the entire and exclusive 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/our invention relating to "SCHEDULE ELEMENT FRAME SYNCHRONIZATION WITH SUBSTANTIALLY ABSOLUTE START-TIME"

for which

[] a U.S. provisional application for patent will be filed in the United States Patent and Trademark Office,

[] a U.S. provisional patent application was filed in the United States Patent and Trademark Office on _____ having a Serial Number _____,

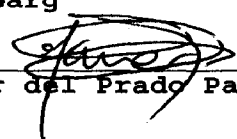
(2) the foregoing application and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, reexaminations, reissues, and extensions thereof, and

(3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issues any and all Letters Patent when granted, solely to **Koninklijke Philips Electronics N.V.**, for its sole use, and that of its successors, assigns, and legal representatives.

I/we will provide my/our 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/we 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/We certify that I/we have the full right to convey the above rights.

_____ Date	_____ Atul Garg	_____ , Assignor
X 07/11/03 Date	X  Javier del Prado Pavon	_____ , Assignor
_____ Date	_____ Sai Shankar	_____ , Assignor
_____ Date	_____ Amjad Soomro	_____ , Assignor
_____ Date	_____ Zhun Zhong	_____ , Assignor

SOLE/JOINT ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I/we, as a below-named Assignor(s), hereby sell, assign, and transfer the entire and exclusive 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/our invention relating to "**SCHEDULE ELEMENT FRAME SYNCHRONIZATION WITH SUBSTANTIALLY ABSOLUTE START-TIME**"

for which

[] a U.S. provisional application for patent will be filed in the United States Patent and Trademark Office,

[] a U.S. provisional patent application was filed in the United States Patent and Trademark Office on _____ having a Serial Number _____,

(2) the foregoing application and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, reexaminations, reissues, and extensions thereof, and

(3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issues any and all Letters Patent when granted, solely to **Koninklijke Philips Electronics N.V.**, for its sole use, and that of its successors, assigns, and legal representatives.

I/we will provide my/our 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/we 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/We certify that I/we have the full right to convey the above rights.

_____, Assignor
Date Atul Garg

_____, Assignor
Date Javier del Prado Pavon

X 07/14/2003 X Sai Shankar, Assignor
Date Sai Shankar

_____, Assignor
Date Amjad Soomro

_____, Assignor
Date Zhun Zhong

SOLE/JOINT ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I/we, as a below-named Assignor(s), hereby sell, assign, and transfer the entire and exclusive 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/our invention relating to "SCHEDULE ELEMENT FRAME SYNCHRONIZATION WITH SUBSTANTIALLY ABSOLUTE START-TIME"

for which

[] a U.S. provisional application for patent will be filed in the United States Patent and Trademark Office,

[] a U.S. provisional patent application was filed in the United States Patent and Trademark Office on _____ having a Serial Number _____,

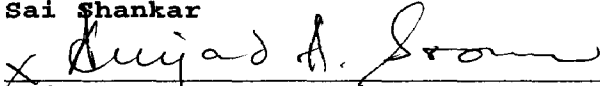
(2) the foregoing application and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, reexaminations, reissues, and extensions thereof, and

(3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issues any and all Letters Patent when granted, solely to **Koninklijke Philips Electronics N.V.**, for its sole use, and that of its successors, assigns, and legal representatives.

I/we will provide my/our 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/we 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/We certify that I/we have the full right to convey the above rights.

_____ Date	_____ Atul Garg	_____ , Assignor
_____ Date	_____ Javier del Prado Pavon	_____ , Assignor
_____ Date	_____ Sai Shankar	_____ , Assignor
x 7/14/2003 Date	x  Amjad Soomro	_____ , Assignor
_____ Date	_____ Zhun Zhong	_____ , Assignor

SOLE/JOINT ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I/we, as a below-named Assignor(s), hereby sell, assign, and transfer the entire and exclusive 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/our invention relating to **"SCHEDULE ELEMENT FRAME SYNCHRONIZATION WITH SUBSTANTIALLY ABSOLUTE START-TIME"**

for which

[] a U.S. provisional application for patent will be filed in the United States Patent and Trademark Office,

[] a U.S. provisional patent application was filed in the United States Patent and Trademark Office on _____ having a Serial Number _____,

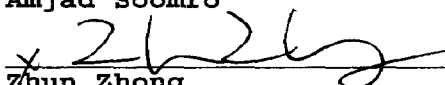
(2) the foregoing application and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, reexaminations, reissues, and extensions thereof, and

(3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issues any and all Letters Patent when granted, solely to **Koninklijke Philips Electronics N.V.**, for its sole use, and that of its successors, assigns, and legal representatives.

I/we will provide my/our 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/we 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/We certify that I/we have the full right to convey the above rights.

_____ Date	_____ Atul Garg	_____ , Assignor
_____ Date	_____ Javier del Prado Pavon	_____ , Assignor
_____ Date	_____ Sai Shankar	_____ , Assignor
_____ Date	_____ Amjad Soomro	_____ , Assignor
x 07/14/2003 Date	x  Zhun Zhong	_____ , Assignor