

FORM PTO-1595 (Modified)  
Rev. 03-01)  
JMB No. 0651-0027 (exp.5/31/2002)  
POBA/REV04

U.S. PTO RE  
11/726345  
03/21/2007

04-05-2007



U.S. DEPARTMENT OF COMMERCE  
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To the Director of the United States Patent and Trademark Office, please return the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Hiroyuki Sonohara

3.21.07

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

Name: NIDEC SANKYO CORPORATION

Address: 5329 Shimosuwa-machi, Suwa-gun

Nagano Japan

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

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

Execution Date: March 7, 2007

City: \_\_\_\_\_ State/Prov.: \_\_\_\_\_

Country: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) &amp; address(es)

☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: March 7, 2007

Patent Application No.

Filing date

B. Patent No.(s)

11/726345

Additional numbers

☐ Yes ☒ No

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

Name: Daniel P. Lent

Registration No. 44,867

Address: Cantor Colburn LLP

55 Griffin Road South

City: Bloomfield State/Prov.: CT

Country: USA ZIP: 06002

## 6. Total number of applications and patents involved:

1

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

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

## 8. Deposit account number:

06-1130

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

## 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.

Daniel P. Lent

Name of Person Signing

Signature

March 21, 2007

Date

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

3

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 019126 FRAME: 0658

ASSIGNMENT

WHEREAS we, **Hiroyuki Sonohara** of c/o **NIDEC SANKYO CORPORATION**,  
**5329 Shimosuwa-machi, Suwa-gun, Nagano Japan** (hereinafter referred to as  
"ASSIGNORS") have invented certain new and useful improvements in:

**MOTOR**

which claims priority to Japanese Application No. 2006-078352, filed March 22, 2006 and for  
which We are about to file or have filed an application for Letters Patent of the United States;

AND WHEREAS, **NIDEC SANKYO CORPORATION** (hereinafter referred to as  
"ASSIGNEE"), a corporation organized and existing under the laws of the Country of Japan,  
having a place of business at **5329 Shimosuwa-machi, Suwa-gun, Nagano Japan**, is desirous  
of acquiring an interest in the United States and all foreign countries, in and to the said  
invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for  
good and valuable consideration, the receipt of which is hereby acknowledged, We, the said  
ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said  
ASSIGNEE, the entire right, title and interest in and to said invention in the United States and  
in all foreign countries, including priority rights, as fully set forth and described in said  
application; and We do hereby authorize and request the Commissioner of Patents to issue said  
Letters Patent on said application, and any and all Letters Patent that may be issued upon any  
and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof,  
to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for  
the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that  
the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will  
execute all papers necessary in connection with the United States and foreign applications  
when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will,  
at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in  
connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 7 March 2007

Hiroyuki Sonohara L.S.  
Hiroyuki Sonohara

## ASSIGNMENT

WHEREAS, the undersigned Xiaoping Zhu, a resident of Stanford, CA; and Petrus J. L. van Beek, a resident of Camas, WA, (hereinafter termed "Inventors") have invented certain new and useful improvements in:

### DISTRIBUTED CHANNEL TIME ALLOCATION FOR VIDEO STREAMING OVER WIRELESS NETWORKS

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:



Declaration executed on March 14, 2007 ;

or



Having been previously filed and assigned  
Serial Number and filing date; and

WHEREAS Sharp Laboratories of America, Inc., a corporation of the State of Washington, (hereinafter termed "Assignee"), having a place of business at 5750 NW Pacific Rim Boulevard, Camas, State of Washington, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

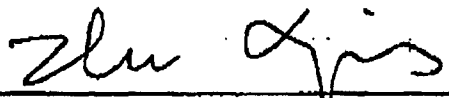
NOW THEREFORE, for good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any and all countries of the world for patents, certificates of inventions or other government grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial property or

pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.


2. Said Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting application for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefore and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.
3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, said Inventors' heirs, legal representatives and assigns.
4. Said Inventors hereby warrant and represent that said Inventors have not entered and will not enter into any assignment, contract, or understanding in conflict with this assignment.

IN WITNESS WHEREOF, the said Inventors have executed this Assignment on the date given below:

(1)   
Xiaoqing Zhu (Signature)

Mar 14, 2007  
(Date)

\*\*\*\*\*

(2)   
Petrus J. L. van Beek (Signature)

March 14, 2007  
(Date)

\*\*\*\*\*

Assignment SLA2066

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TO: SHARP PATENTS

PAGE 1

PATENT

RECORDED: 03/21/2007

REEL: 019126 FRAME: 0663