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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

: SHEET

Attorney Docket No.: 046124-5229

To the Commissioner for Patents

ATTN: MAIL STOP ASSIGNMENT RECORDATION SERVICES

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Tsunehiko TAKEUCHI
Takehiro KURONO

Additional names of conveying party(ies) attached?

☐ Yes ☒ No

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

Name: HAMAMATSU PHOTONICS, K.K.

Street Address: 1126-1, Ichino-cho, Hamamatsu-shi,
Shizuoka 435-8558 Japan

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ OtherExecution Date: June 23, 2003

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

☐ Yes ☒ No15535 U.S. PTO
10/628476
07/29/034. New Application number(s) or patent number(s): **NEW APPLICATION**

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

10,628,476

June 23, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No5. Name and address of party to whom
correspondence concerning document should be
mailed:

Name: John G. Smith

Internal Address: Morgan, Lewis & Bockius LLP
Customer No. 09629Street Address: 1111 Pennsylvania Ave., N.W.
City: Washington State: D.C. Zip: 20004

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00☐ Enclosed☒ Authorized to be charged to Deposit Account 50-0310

8. Deposit Account No. 50-0310

(Attach duplicate 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.

John G. Smith, Reg. No. 33,818

Name of Person Signing

Signature

July 29, 2003

Date

Total number of pages including cover sheet, attachments and documents: 2

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PATENT
REEL: 014338 FRAME: 0880

ASSIGNMENT

Whereas, I/we,

NameAddress

c/o Hamamatsu Photonics K.K.,

1) **Tsunehiko TAKEUCHI**1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 Japan

c/o Hamamatsu Photonics K.K.,

2) **Takehiro KURONO**1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 Japan

hereinafter called assignor(s), have invented certain improvements in
MASTICATION MONITORING DEVICE

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless
 otherwise indicated below:

Whereas filed on _____, Serial No. _____; and

HAMAMATSU PHOTONICS K.K.1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States
 patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is
 hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign,
 transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to
 this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States
 which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of
 Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and
 assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with
 assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal
 proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or
 desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional,
 continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its
 successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being
 understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and
 assigns.

INVENTORSDATE SIGNED

1): Tsunehiko Takeuchi
 Name: **Tsunehiko TAKEUCHI**

23 / June / 2003

2): Takehiro Kurono
 Name: **Takehiro KURONO**

23 / June / 2003

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)