

10-13-2000

Express Mail Label No.: None



ER SHEET

101486996

Box Assignment
Commissioner of Patents and Trademarks
Washington, DC 20231

September 22, 2000
Atty. Ref.: OPS Case 496

Please record the attached original document or copy thereof.

Name of Conveying Parties: (1) Hiroshi KAWAKAMI, (2) Yo SAITO,
(3) Kazuhiro SHIMADA and (4) Takeshi TOMIZAWA

Name and Address of Receiving Party:
SEIREN CO., LTD.
10-1 Keya 1-chome
Fukui-shi, Fukui-ken 918-8560
JAPAN

Nature of Conveyance:
 Assignment Security Agreement Merger License
 Change of Name Other:

Execution Date of Document: July 10, 2000

WRD 9.27.00

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

Patent Application Numbers:
09/606 447

Patent Numbers:

Total Number of Applications and Patents Involved: 1. An enclosed check includes the recording fee of \$40.00. The Commissioner is hereby authorized to credit any overpayment, or to charge any additional recording fee required by this paper, to Deposit Account No. 06-1382.

Mail correspondence concerning the document to:

FLYNN, THIEL, BOUTELL & TANIS, P.C.
2026 Rambling Road
Kalamazoo, MI 49008-1699

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.

Respectfully submitted,

Terryence F. Chapman

TFC/smd

FLYNN, THIEL, BOUTELL
& TANIS, P.C.
2026 Rambling Road
Kalamazoo, MI 49008-1699
Phone: (616) 381-1156
Fax: (616) 381-5465

Dale H. Thiel	Reg. No. 24 323
David G. Boutell	Reg. No. 25 072
Ronald J. Tanis	Reg. No. 22 724
Terryence F. Chapman	Reg. No. 32 549
Mark L. Maki	Reg. No. 36 589
David S. Goldenberg	Reg. No. 31 257
Sidney B. Williams, Jr.	Reg. No. 24 949
Liane L. Churney	Reg. No. 40 694
Brian R. Tumm	Reg. No. 36 328

2000 MAR 11 0000115 0906447

40.00 OP

Encl: Assignment
Check
Postal Card

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

170.9803

ASSIGNMENT

United States (Joint)
(Excluding Foreign Rights)

WHEREAS, We, (1) Hiroshi KAWAKAMI, (2) Yo SAITO,
(3) Kazuhiro SHIMADA and (4) Takeshi TOMIZAWA

residing at respectively c/o SEIREN CO., LTD.
10-1 Keya 1-chome, Fukui-shi, Fukui-ken 918-8560, Japan

have invented certain new and useful improvements in

INKJET PRINT HEAD AND INKJET RECORDER

for which an application for Unites States Letters Patent was signed on even date.

WHEREAS, SEIREN CO., LTD.

having a place of business at 10-1 Keya 1-chome, Fukui-shi, Fukui-ken 918-8560, Japan

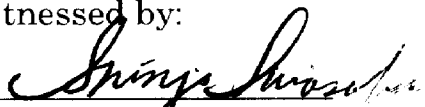
hereinafter called the "Assignee" is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor, in the United States and its territorial possessions.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other valuable considerations, the receipt whereof is hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign, transfer and confirm in and to said Assignee our full and exclusive right to the said invention in the United States and its territorial possessions and our entire right, title and interest in and to said application and any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States to issue any and all of said Letters Patent, when granted, to said Assignee for the sole use and behoof of the said Assignee, their successors and assigns.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

Witnessed by:


Shinji SHIRASAKI

Inventors:


Hiroshi KAWAKAMI

Date:

July 10, 2000

July 10, 2000


Yo SAITO

July 10, 2000


Kazuhiro SHIMADA

July 10, 2000


Takeshi TOMIZAWA