To the Honorable Commissioner of Patents:

1. Name of conveying party(ies):
   Hitachi Koki Co., Ltd.

2. Name and address of receiving party(ies)
   Name: Hitachi Printing Solutions, Ltd.
   Address: A corporation organized under the laws of Japan
   Street Address: 810, Shimo-Imaizumi, Ebina-shi,
   Kanagawa-ken, Japan
   City: State: Zip:

3. Nature of conveyance:
   - Assignment
   - Security Agreement
   - Other __________

   Execution Date: April 22, 2003

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)
   B. Patent Registration No.(s)

   See Attachments A, B, C and D

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Antonelli, Terry, Stout & Kraus, LLP
   Street Address:
   1300 North Seventeenth Street
   Suite 1800
   Arlington, VA 22209
   USA
   City: State: Zip:

6. Total number of applications and patents involved: 24

7. Total fee (37 CFR 3.41) $960.00
   - Enclosed
   - Authorized to charge any deficiencies in the fees to deposit account

8. Deposit account number:
   01-2135

   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.
   Alan E. Schiavelli, Reg # 32,087
   05/02/2003

Total number of pages including cover sheet, attachments, and document: 12

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patent & Trademarks, Box Assignments
Washington, D.C. 20231
US Patent No. 4,513,300, granted April 23, 1985;
US Patent No. 4,524,366, granted June 18, 1985;
US Patent No. 4,620,768, granted November 4, 1986;
US Patent No. 4,672,398, granted June 9, 1987;
US Patent No. 4,770,507, granted September 13, 1988;
US Patent No. 4,882,483, granted November 21, 1989;
US Patent No. 5,049,906, granted September 17, 1991;
US Patent No. 5,090,676, granted February 25, 1992;
US Patent No. 5,130,753, granted July 14, 1992;
US Patent No. 5,157,449, granted October 20, 1992;
US Patent No. 5,246,224, granted September 21, 1993;
US Patent No. 5,404,201, granted April 4, 1995;
US Patent No. 5,504,556, granted April 2, 1996;
US Patent No. 5,559,578, granted September 24, 1996;
US Patent No. 5,774,777, granted June 30, 1998;
US Patent No. 5,809,053, granted September 15, 1998;
ATTACHMENT C

US Patent No. 4,618,868, granted October 21, 1986; and
ASSIGNMENT

WHEREAS, Hitachi, Ltd. and Hitachi Koki Co., Ltd. are joint owners, by assignment, of the Letters Patents of the United States of America listed in Attachment A.

WHEREAS, Hitachi Printing Solutions, Ltd. is desirous of acquiring the right, title and interest in, to and under the said Letters Patents listed in Attachment A, and the inventions covered thereby, as now owned by Hitachi Koki Co., Ltd., and thereby become a joint owner with Hitachi, Ltd.;

WHEREAS, Hitachi, Ltd., Ube Industries, Ltd. and Hitachi Koki Co., Ltd. are joint owners, by assignment, of the Letters Patent listed in Attachment B of the United States of America:

WHEREAS, Hitachi Printing Solutions, Ltd. is desirous of acquiring the right, title and interest in, to and under the said Letters Patents listed in Attachment B, and the inventions covered thereby, as now owned by Hitachi Koki Co., Ltd., and thereby become a joint owner with Hitachi, Ltd. and Ube Industries, Ltd.;

WHEREAS, Hitachi, Ltd., Hitachi Seiko, Ltd. and Hitachi Koki Co., Ltd. are joint owners, by assignment, of the Letters Patents listed in Attachment C of the United States of America:

WHEREAS, Hitachi Printing Solutions, Ltd. is desirous of acquiring the right, title and interest in, to and under the said Letters Patents listed in Attachment C, and the inventions covered thereby, as now owned by Hitachi Koki Co., Ltd., and thereby become a joint owner with Hitachi, Ltd. and Hitachi Seiko, Ltd.;
WHEREAS, Hitachi, Ltd., Hitachi Metals, Ltd. and Hitachi Koki Co., Ltd. are joint owners, by assignment, of the Letters Patent listed in Attachment D of the United States of America:

WHEREAS, Hitachi Printing Solutions, Ltd. is desirous of acquiring the right, title and interest in, to and under the said Letters Patent listed in Attachment D, and the inventions covered thereby, as now owned by Hitachi Koki Co., Ltd., and thereby become a joint owner with Hitachi, Ltd. and Hitachi Metals, Ltd.;

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the said Hitachi Koki Co., Ltd. has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to the said Hitachi Printing Solutions Ltd., its entire right, title and interest in the said inventions and the Letters Patents listed in Attachments A, B, C and D, and any reissue or reissues of said Letters Patents already granted or which may be granted, the same to be held and enjoyed by said Hitachi Printing Solutions Ltd. for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives, to the end of the term for which said Letters Patent of the United States are granted or reissued as fully and entirely as the same would have been held and enjoyed by the said Hitachi Koki Co., Ltd., if this assignment and sale had not been made.
IN TESTIMONY WHEREOF, Hitachi, Koki Co., Ltd., has caused these presence to be signed by its officer(s) thereunto duly authorized this 22nd day of __________, 2003.

Hitachi Koki Co., Ltd.

[Signature]

By: Tsuneyuki Hida
Title: General Manager
Intellectual Property Department
(Authorized Signing Officer)
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