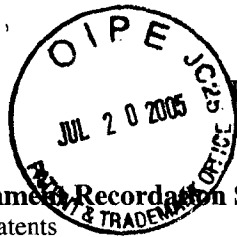


07-25-2005



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Teruaki ITOH</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: <u>July 6, 2005</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>IDS COMPANY, LTD.</u> Internal Address: _____ Street Address: <u>8-14-40, Nagamine-Higashi, Kumamoto-shi</u> _____ City: <u>Kumamoto</u> State/Country: <u>Japan</u> Zip: <u>862-0938</u></p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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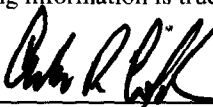
4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: July 6, 2005

<p>A. Patent Application No(s). (1) <u>11/097,373</u> (2) _____ (3) _____</p>	<p>B. Patent No(s). (1) _____ (2) _____ (3) _____</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Arthur R. Crawford</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Nixon & Vanderhye P.C.</u> <u>901 North Glebe Road</u> <u>11th Floor</u></p> <p>City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22203</u></p>	<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) (8021) \$ <u>40.00</u> <input checked="" type="checkbox"/> CREDIT CARD <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>
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9. Statements 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 40E of the original document.

<p><u>Arthur R. Crawford</u> Name of Person Signing Reg. No. 25,327</p>	 Signature	<p><u>July 20, 2005</u> Date</p>
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Total number of pages including original cover sheet, attachments, and document: [3]

07/21/2005 HALI11 00000107 11097373

01 FC:8021 40.00 DP

ASSIGNMENT

(05S0525-1)

In consideration of value received, I, having a residence and mailing address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

BARCODE READING APPARATUS

sell and assign to
IDS Co., Ltd.

a Japanese corporation, having a business address at
8-14-40, Nagamine-Higashi, Kumamoto-shi, Kumamoto 862-0938, Japan.

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent : (check one)

executed concurrently herewith;

executed on

Application No. 11/097,373; filed April 4, 2005;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Nixon & Vanderhye P.C., 8th Floor, 1100 North Glebe Road, Arlington, Virginia
22201-4714

ASSIGNMENT

(05S0525-1)

Inventor: (Signature)

Date

Residence and mailing address

Teruaki Itoh
Teruaki Itoh

JUL. - 6. 2005

5-25, Kokaihommachi,
Kumamoto-shi, Kumamoto-ken,
Japan