

05-25-2004

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22390 U.S. PTO  
10/848246



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

1. Name of conveying party(ies): 5-18-04  
Ralph W. Quan  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
Name: HID Corporation  
Internal Address: \_\_\_\_\_  
Street Address: 9292 Jeronimo Rd.  
City: Irvine State: CA Zip: 92618  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: 05/14/2004

4. Application number(s) or patent number(s): 10848246  
If this document is being filed together with a new application, the execution date of the application is: 05/14/2004  
A. Patent Application No.(s) B. Patent No.(s)  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Rodney F. Brown  
Internal Address: \_\_\_\_\_  
Street Address: 3365 Baltimore St.  
City: San Diego State: CA Zip: 92117

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41).....\$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
02-4245  
(Attach duplicate copy of this page if paying by deposit account)

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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.*  
Rodney F. Brown [Signature] 05/18/2004  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

05/24/2004 ECOOPER 00000194 024245 10848246

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PATENT  
REEL: 015353 FRAME: 0923

# *Assignment*

Whereas, I:

Ralph W. Quan, of Broomfield, State of Colorado,

have invented certain improvements in:

RFID Reader Utilizing an Analog to Digital Converter for Data Acquisition and Power Monitoring Functions

identified by Attorney Docket No. 038P0401, hereinafter called the "invention", and executed a United States Patent Application concurrently herewith; and

Whereas, the Assignee, HID Corporation, a corporation of the State of Delaware, having a principal place of business at 9292 Jeronimo Road, Irvine, California 92618-1905, desires to acquire the entire right, title and interest in the invention and said patent application, and to any United States and foreign patents to be obtained therefor;

Now therefore, for good and valuable consideration paid to me by the Assignee, the receipt and sufficiency of which I hereby acknowledge, I, hereby sell, assign and transfer to the aforesaid Assignee its successors and assigns:

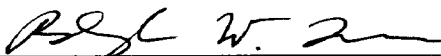
The entire right, title and interest in said invention in the United States and foreign countries, including said United States patent application and all patent applications corresponding to said United States patent application filed in foreign countries, all Letters Patents issuing thereon in the United States and foreign countries, all divisional, continuation and continuation-in-part patent applications of said United States patent application or corresponding foreign patent applications, and all reissues, reexaminations, and extensions of Letters Patents issuing thereon; and

The right to file patent applications on said invention in Assignee's own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

I hereby authorize and request the Director of the United States Patent and Trademark Office, and such officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the Assignee, its successors, assigns and legal representatives.

I hereby agree, without further consideration and without expense to me, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me to make this Assignment fully effective.

This assignment and agreement shall be binding upon my heirs and legal representatives.

  
\_\_\_\_\_  
Ralph W. Quan

STATE OF Colorado )

: ss.

COUNTY OF Adams )

On 14, May, 2004 before me, Adam Segura,  
Notary Public, personally appeared Ralph W. Quan, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the foregoing Assignment and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

My commission expires: Feb, 18, 2008

  
\_\_\_\_\_  
NOTARY PUBLIC

RFB:0513c.038