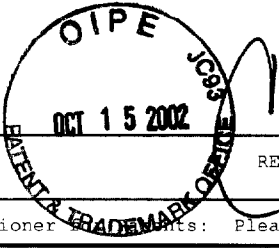


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US 020266



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Form PTO 1595 (Rev. 6-93)

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**IHOR TERENCE WACYK**  
**DEMETRI GIANNOPOULOS** *10.15.02*

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 Yes  No

2. Name and address of receiving party(ies):  
 Name: KONINKLIJKE PHILIPS ELECTRONICS N.V.  
 Street Address: GROENEWOUDSEWEG 1  
 City: 5621 BA EINDHOVEN  
 Country: THE NETHERLANDS

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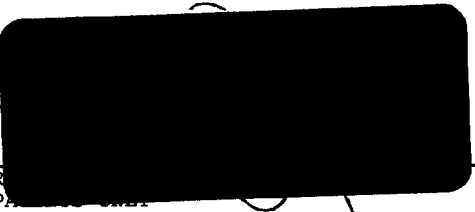
Aaron Waxler, Reg. 48,027  
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DEMETRI GIANNOPOULOS  
IHOR TERENCE WACYK  
  
Additional name(s) of conveying party(ies) attached?  
 Yes  No

7-10-02

2. Name and address of receiving party(ies):  
Name: KONINKLIJKE PHILIPS ELECTRONICS N.V.  
Internal Address:  
Street Address: Groenewoudseweg 1  
City: Eindhoven Country: The Netherlands  
5621 BA  
Additional name(s) & address(es) attached?  
 Yes  No

3. Nature of conveyance:  
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 Security Agreement  Change of Terms  
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Execution Date: 6/26/2002

4. Application number(s) or patent number(s):  
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A. Patent Application No.(s) 10/192095 B. Patent No.(s)   
FILED CONRRUENTLY HEREWITH Additional numbers attached? Yes  No

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City: Tarrytown State: NY Zip: 10591

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7. Total fee (37 CFR 3.41) ...\$40.00  
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Aaron Waxler, Reg. 48,027  
Name of Person Signing [Signature] Date 7/10/02

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07/10/02

07/19/2002 TBIAZI 0000062 141270 10192095  
01 FC:581 40.00 CH

SOLE/JOINT ASSIGNMENT

Docket No.

US020266

For good and valuable consideration, I, as a below-named Assignor, hereby sell, assign, and transfer the entire right, title, and interest in the following to Koninklijke Philips Electronics N.V. having a place of business at Groenewoudseweg 1, 5621 BA, Eindhoven, The Netherlands, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) my/our invention relating to Position Dependent Information Retrieval System as described in the U.S. patent application

- executed concurrently herewith,
- executed on \_\_\_\_\_,
- filed in the United States Patent and Trademark Office on \_\_\_\_\_ as Serial Number \_\_\_\_\_,

(2) the foregoing application and all other U.S. and foreign patent applications based thereon, including divisions, continuations, reissues, and extensions, and

(3) all patents granted on these applications.

I will provide my cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutorial actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee. I authorize and request that these patents be issued to the Assignee.

I certify that I have the full right to convey the above rights.

June 26, 2002  
Date

(signature) *Thor T. Wacyk* Assignor  
(printed name) THOR T. WACYK

June 26, 2002  
Date

(signature) *Demetri Giannopoulos* Assignor  
(printed name) DEMETRI GIANNPOULOS

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

On this 26 day of June, 192002 before me personally appeared

known to me to be the person(s) who executed the foregoing assignment and acknowledged to me that he/they executed this assignment of his/their own free will.

*Sandra Ann C. Spadaro*  
Notary Public

SANDRA ANN C. SPADARO  
NOTARY PUBLIC, STATE OF NEW YORK  
No. 01SP8070417  
QUALIFIED IN PUTNAM COUNTY  
MY COMMISSION EXPIRES MARCH 4, 2006