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Box Assignments Washington, D.C. 20231

> **PATENT** REEL: 013342 FRAME: 0371

.3 01RE6070570

SOLE/JOINT ASSIGNMENT

Docket No. US 020352

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, NL, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

| representative | ss, including any | nominees (correction) | one modernie , . | |
|--|---|---|--|------------------------|
| (1) Converter as d | described in the U [X] executed co [] executed on [] filed in the | relating to Invention J.S. patent application concurrently herewith, | and Trademark Office | ack |
| (2) applications k extensions, ar | based thereon, inc | plication and all other cluding divisions, cont | U.S. and foreign pat inuations, reissues, | ent and |
| (3) | all patents grant | ted on these applicatio | ns. | |
| foregoing right expense of the testify in all infringement a desirable, or invention or the testify the testification that the testification the testi | ht, title, and interest and interest agreed to be a legal proceeding actions, and do all convenient for sefor perfecting tite | peration to enable the terest to the fullest elect to execute all paper gs including patent proll other such acts whice ecuring and maintaining the thereto in the Assissued to the Assignee. | xtent. Upon request s, take all rightful secutional actions an h may be necessary, patents on the foreg gnee. I authorize an | at the oaths, and XHOA |
| I cen | rtify that I have | the full right to conv | ey the above rights. | IC, STAT |
| Sant Zonz Date 13 Sentember 2 | Laurence Bo | ourdillon, (Hannepoo | , Assign | |
| Date | Demetri Gia | annopoulos | 7 1100 431 | |
| | | | , Assign | or |
| Date | Nai-Chi Lee | e | | |
| State of Www County of W/2 | Workehoster |)) | | |
| on this 1319 | day of feeten | ber , 2002 befor | re me personally appea | ared |
| known to me to acknowledged will. | o be the person(s to me that he/the |) who executed the fore y executed this assignment of the control | nent of his/their own | free |
| | | Notary Public | () ¹ | |

BARBARA J. REILLY

NOTARY PUBLIC, STATE OF NEW YORK

NO. 01RE6070570

QUALIFIED IN WESTCHESTER COUNTY

MY COMMISSION EXPIRES MARCH 4. 20

PATENT REEL: 013342 FRAME: 0372

USA - Domestic 4/87

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- (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 prosecutional 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.

| | | | | | <u>Assignor</u> |
|--------------------|---------------------------------------|------------|-----------|------------|-----------------|
| Date | Laurence Bourdil | llon | | | |
| | | | | | Assignor |
| Date | Demetri Giannopo | ulos | | | |
| Sep 19,2002 | | | | | Assignor |
| Date | Naî-Chi Lee | | | | |
| State of | |) | | | |
| County of | |) | | | |
| On this day | y of | , 2002 | before me | personally | appeared |
| acknowledged to me | the person(s) who a that he/they exec | | | | |
| will. | | Not more I | Tub lie | | |
| | Notary Public | | | | |

PATENT REEL: 013342 FRAME: 0373

RECORDED: 09/26/2002