



# ASSIGNMENT

WHEREAS, we, David J. Hall and Jonnathan H. Kim have invented certain new and useful improvements in the following:

**SYSTEM AND METHOD FOR USING IMPULSE RADIO TECHNOLOGY TO TRACK THE  
MOVEMENT OF ATHLETES AND TO ENABLE SECURE COMMUNICATIONS BETWEEN THE  
ATHLETES AND THEIR TEAMMATES, FANS OR COACHES**

for which we have made application for United States Letters Patent; and,

WHEREAS, Time Domain Corporation, a corporation organized and existing under the laws of Delaware, having its principal place of business at 7057 Old Madison Pike in Huntsville, Alabama (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives our entire right, title and interest in and to said invention and in and to said applications and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations-in-parts and continuations thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as each of our interests are concerned, to the said ASSIGNEE.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

We further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that I will communicate to said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to either of us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

We further authorize and direct our attorneys to insert below\* the serial number and filing date of said application now identified as Case Docket No. WJT001-0026 as soon as the same shall have been made known to them by the United States Patent Office.

\*Serial Number:

Filing Date:

**INVENTORS**

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 18 day of APRIL, 2001.

David J. Hall  
David J. Hall  
324 Usher Rd.  
Madison, AL 35757

State of Alabama §

§ ss.:

County of Madison §

On this 18 day of April, 2001, before me, a Notary Public in and for the State and County aforesaid, personally appeared David J. Hall known by me to be the person of the above name who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

Rinda M. Lee  
Notary Public

My Commission Expires:  
MY COMMISSION EXPIRES 9-7-2003

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 18 day of April, 2001.

Jonathan H. Kim  
Jonathan H. Kim  
9050 Sugar Tree Trail  
Huntsville, AL 35802

State of Alabama §  
§ ss.:  
County of Madison §

On this 18 day of April, 2001, before me, a Notary Public in and for the State and County aforesaid, personally appeared Jonnathan H. Kim known by me to be the person of the above name who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

Hinda M. Lee  
Notary Public

My Commission Expires:  
MY COMMISSION EXPIRES 9-7-2003