Attorney Docket No.: INT.P004	Client Docket No.: P15781	
4	U.S. DEPARTMENT OF COMMERCO U.S. Patent and Trademark Office	
OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇔ ⇔ ▼ ▼		
To the Honorable Commissioner of Pate	nal documents or copy thereof.	
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Name of conveying party(ies): David J. Cowperthwaite	Name: Intel Corporation	-
Bradford H. Needham	Name:	_U
9-11-05	Internal Address:	:
Additional name(s) of conveying party(les) attached? Yes VNo		_
3. Nature of conveyance:		
✓ Assignment Merger		
	Street Address: 2200 Mission College Boulevard	
Security Agreement Change of Name		
Other		-
	City: Santa Clara State: CA Zip: 95052	
Execution Date: 4/8/2003		
Execution Date:	Additional name(s) & address(es) attached? Yes V	_
4. Application number(s) or patent number(s):		
If this document is being filed together with a new app	olication, the execution date of the application is: $\frac{4/11/2003}{1}$	3
A. Patent Application No.(s)	B. Patent No.(s)	
10412482		
Additional numbers	attached? Yes No	
5. Name and address of party to whom correspondence		1
concerning document should be mailed:		les de
Name: Lawrence M. Cho	7. Total fee (37 CFR 3.41)\$_40.00	_
	Enclosed	
Internal Address: 3 CNGUYEN 00000034 10412482	Authorized to be about 1	
40.00 BP	Authorized to be charged to deposit account	
D.O. D. 2444	8. Deposit account number:	
Street Address: P.O. Box 2144	50-1624	
	50-1024	
Ohanna dan Haran dan Aran dan		
City: Champaign State: IL Zip: 61825		
DO NOT US	E THIS SPACE	_
9. Signature.		
Lawrence M. Cho	Pm.CL 4/11/2003	
Name of Person Signing	Signature Date	_
*	ver sheet, attachments, and documents:	

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231 Attorney's Docket No.: INT.P004 PATENT

ASSIGNMENT

In consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **David J. Cowperthwaite and Bradford H. Needham**, the undersigned Assignor(s), believing to be the original, first and sole or joint inventor(s) of any and all new and useful improvements disclosed in the application for the United States patent entitled **Method** and **Apparatus for Three-Dimensional Tracking of Infra-Red Beacons** hereby sell, assign, and transfer to **Intel Corporation** a Delaware corporation, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, CA 95052, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the same patent application which has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below.

The undersigned further sell, assign, and transfer to Assignee said application and all divisional applications, continuation applications, continuation applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and the right to file foreign applications applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

The undersigned further agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives.

The undersigned covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

PATENT REEL: 013976 FRAME: 0130 The undersigned hereby authorize and request the Officials of the United States Patent and Trademark Office and any and all foreign Patent Offices to issue any and all Letters Patents. when granted, to said Assignee as the assignee of the entire right, title and interest in and to the same, for the sole use of said Assignee, its successors and assigns, to the full end of the term for which said Letters Patents may be granted.

The undersigned hereby grant to Lawrence M. Cho, Attorney for Applicant, located at P.O. Box 2144 Champaign, IL, 61825, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

Inventors/Assignors Please Sign and Date Below:

RECORDED: 04/11/2003

Name: David J. Cowperthwaite

Please also list date you signed the accompanying **DECLARATION** if Assignment is executed with a new filing:

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