



Docket No. 48519/RAG/C799

ET

Post Office Box 7068 Pasadena, CA 91109-7068

Box Assignment Commissioner of Patents and Trademarks Washington, D.C. 20231

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

R

1. Name of conveying party(ies): 11 - 19 - 2	2. Name and address of receiving party(ies):
Randel Lindemann, Richard A. Rainen, John M.	Name: California Institute of Technology
Cardone, Richard G. Webster, Christopher Voorhees, James Stone, Joseph P. Melko, Paul Karlmann, Kobie Boykins, Brian Harrington, Lawrence Lee, Jason Suchman, Satish Krishnan, Keith Novak, Lori Shiraishi, Mary E. Reaves, Michael P. Thelen, Annette K. Nasif, Joseph Vacchione, and Kevin Burke	Street Address: 1200 East California Boulevard Mail Stop 210-85 Pasadena, California 91125
Additional name(s) of conveying party(ies) attached: NO	
3. Name of conveyance:	
⊠ Assignment □ Merger □ Security Agreement □ Change of Name □ Other: □ Other:	
Execution Date: October 3, 8, 14, 17, 2002	Additional name(s) & address(es) attached? NO
4. Application number(s) or patent number(s):	
If this document is being filed together with a new app is:	plication, the execution date of the application
A. Patent Application No.(s) 29/164,877	B. Patent No.(s)
	al numbers attached? NO
5. Please return the recorded document and address all correspondence to:	6. Total number of applications and patents involved ONE
CHRISTIE, PARKER & HALE, LLP P.O. Box 7068	
P.O. Box 7008 Pasadena, CA 91109-7068	7. X Total fee enclosed (37 CFR 3.41): \$40.00
Attention: Robert A. Green	8. Any deficiency or overpayment of fees should be charged or credited to Deposit Account No. 03-1728 , except for payment of issue fees required under 37 CFR § 1.18. Please show our docket
10. 🗆 Explanatory letter is enclosed.	number with any credit or charge to our Deposit Account.
9. Statement and signature. To the best of my knowledge and belief, the foregoin original document.	g information is true and correct and any attached copy is a true copy of the
Date: November 15, 2002 By_	Mobul A. Ann
N	ame: Robert A. Green 6/795-9900
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to, Box Assignments, Commissioner of Patents and Trademarks, Washington, D.C. 20231 on November 15, 2002.	
11/25/2002 DETRAC 00000101 001/4077	Total number of pages including cover sheet, attachments, and document:
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RLM PA\$459262 1-*-11/14/02 2:47 PM	

REEL: 013511 FRAME: 0625

ASSIGNMENT

.

WHEREAS, WE,

	Randel Lindemann, residing at 10948 Hillhaven Avenue, Tujunga CA 91042	
	Richard A. Rainen, residing at <u>6344 Pineview Ro, Santa Clanita CA 9</u> ,1387	
	John M. Cardone, residing at 373 LONGBRANCH RD. Simi Vally (A. 93065;	
	Richard G. Webster, residing at 5732 OxHown ST, Love Better, ct 90808	
	Christopher Voorhees, residing at 32% Fair Oaks Ave, Altalence, CA 91001;	
	James Stone, residing at 22 W. MARNPOSA ST ALTADENA, CA 91001;	
	Joseph P. Melko, residing at 5017 DUNI MORE AVE, GLENDALE CA 91214;	
	Paul Karlmann, residing at 1629 Carlson Ln, Redondo Beach, CA 90278 ;	
	Kobie Boykins, residing at 1/2 N. Harper Ave, Los Angeles CA 90048;	
	Brian Harrington, residing at 1767 Gurfius Dr. Pasadana CA 91104;	
	Lawrence Lee, residing at 1929 Silver Hank Dr. Dicemend Bar, CA 91765	
	Jason Suchman, residing at 385 S LOS ROBLES AVE #10 PASADENA, CA 91101	
	Satish Krishnan, residing at 89 AUBURN COUPT APT 202 CAMERIDGE NA 02159;	
	Keith Novak, residing at 2048 Amherst Dr., So. Gasadena, CA 91030;	
	Lori Shiraishi, residing at 4847 CAHMENGA BL, NORTH HOLLYWOD CA 91601;	
	Mary E. Reaves, residing at 630 Dornie, Gendora, Ca. 91741-3208;	
MICHAEL P.	Mike Thelen, residing at 3015 ADIMIN DRIVE, LA CRESCENTA, CA 91214;	
MPT 10/23/02		
	Joseph Vacchione, residing at 219 Via Rebecca Neubury Park, CA 91320;	
	and J O J	
	Kevin Burke, residing at 782 LADA VATA AVE, PASADENA CA Q1103;	

have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled MARS EXPLORATION ROVER ATHENA, filed July 31, 2002, Application No. 29/164,877.

AND WHEREAS CALIFORNIA INSTITUTE OF TECHNOLOGY, a California non-profit organization, having a place of business at 1200 East California Boulevard, Mail Stop 210-85, Pasadena, California 91125 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over to ASSIGNEE:

(i) the entire right, title and interest in and to U.S. Design Application No. 29/164,877 and all continuations, divisions, reexaminations, reissues, substitutes, extensions and counterparts thereof throughout the world, and all inventions disclosed and claimed therein; and

(ii) any and all claims and demands that we may have against any firm, person or corporation which has heretofore infringed upon our rights in said U.S. Design Application No. 29/164,877, together with the right to retain for ASSIGNEE any and all sums that ASSIGNEE may obtain or recover as a result of the assertion or enforcement of any such claim or demand.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this $\frac{2^{+1}}{2}$ day of $\frac{2002}{2}$.

WITNESS (Signature, printed name and date):

James Stone JAMES STONE 10/8/02

RANDEL LINDEMANN

PATENT REEL: 013511 FRAME: 0627

Joint

IN TESTIMONY WHEREOF, I hereunto set my hand this 17 day of Ocrosen, 2002.

WITNESS (Signature, printed name and date): Randel Lindemann Oct. 17, 2002

IN TESTIMONY WHEREOF, I hereunto set my hand this 27 day of 0ct , 20<u>0;2</u>

WITNESS (Signature, printed name and date):

Randel Lindemann Randel Lindemann Oct. 17, 2002

PATENT REEL: 013511 FRAME: 0628

IN TESTIMONY WHEREOF, I hereunto set my hand this 17 day of Cettor, 20 -.

Wills

WITNESS (Signature, printed name and date):

"Randel Lindemann Randel Lindemann Oct. 17, 2002

IN TESTIMONY WHEREOF, I hereunto set my hand this <u>17</u> day of <u>October</u>, 2002.

CHRISTOPHER VOORHEES

WITNESS (Signature, printed name and date):

Randel Lindemann Randel Lindemann Oct. 20,2002

IN TESTIMONY WHEREOF, I hereunto set my hand this $\underline{\mathcal{B}}^{TH}$ day of $\underline{\mathcal{OCTOBER}}$, $20 \underline{\mathcal{O2}}$.

Janes Stan

WITNESS (Signature, printed name and date):

Randel Lindemann Randel Lindemann Oct. 8, 2002

JOSEPH P MELKO

WITNESS (Signature, printed name and date):

Randel Lindemann Randel Lindemann Oct. 8, 2002

IN TESTIMONY WHEREOF, I hereunto set my hand this <u>174</u> day of <u>october</u>, 20 02. PAUL KARLMANN

WITNESS (Signature, printed name and date):

Randel Lindemann Randel Lindemanin Oct. 17,2002

IN TESTIMONY WHEREOF, I hereunto set my hand this 17 day of 0t ..., 20 02. KORIE ROVERIG

WITNESS (Signature, printed name and date):

Randel Lindemann Randel Lindemann Oct. 17, 2002

REEL: 013511 FRAME: 0631

-6-

IN TESTIMONY WHEREOF, I hereunto set my hand this 17 day of 0.126.20, 20.22.

Brian HARRINGTON

WITNESS (Signature, printed name and date):

Randel Lindemann Randel Lindemann Oct. 17, 2002

IN TESTIMONY WHEREOF, I hereunto set my hand this 17 day of October, 20 02. X amence Xee LAWRENCE LEE

WITNESS (Signature, printed name and date):

Randel Lindemann Randel Lindemann

Oct. 17, 2002

IN TESTIMONY WHEREOF, I hereunto set my hand this <u>17</u>th day of <u>October</u>, 2002. JASON SLICHMAN

WITNESS (Signature, printed name and date):

Randel Lindemann Randel Lindemann Oct. 17,2002

IN TESTIMONY WHEREOF, I hereunto set my hand this 14 day of 0c70BER, 2002.

Satish Krish

WITNESS (Signature, printed name and date):

Rand Lindemann Randel Lindemann

PATENT REEL: 013511 FRAME: 0633

Oct. 14, 2002

IN TESTIMONY WHEREOF, I hereunto set my hand this $\frac{17}{2000}$ day of $\frac{0}{2000}$.

Beete & Corab

WITNESS (Signature, printed name and date):

Randel Lindemann Randel Lindemann Oct. 17, 2002

IN TESTIMONY WHEREOF, I hereunto set my hand this 17^{4} day of outroer, 2002.

<u>em</u> Lori shiraishi

WITNESS (Signature, printed name and date):

Randel Lindemann Randel Lindemann Oct. 17, 2002

IN TESTIMONY WHEREOF, I hereunto set my hand this <u>17</u> day of <u>October</u>, 20 <u>02</u>. <u>Mary E. Roaves</u> MARY E/REAVES

WITNESS (Signature, printed name and date): Randel Lindemann Oct. 17,2002

IN TESTIMONY WHEREOF, I hereunto set my hand this 17th day of 000550, 2002

MICHAEL P. MILE THELEN NPT IDERIOZ Randel Lindemann Randel Lindemann Oct. 17, 2002 WITNESS (Signature, printed name and date):

IN TESTIMONY WHEREOF, I hereunto set my hand this 17 day of October, 20 02.

ANNETTE K NASIE

WITNESS (Signature, printed name and date):

Randel Lindemann Randel Lindemann Oct. 17, 2002

IN TESTIMONY WHEREOF, I hereunto set my hand this 17 day of October, 2002.

WITNESS (Signature, printed name and date):

Randel Lindemann Randel Lindemann Oct. 17, 2002

IN TESTIMONY WHEREOF, I hereunto set my hand this 3 day of 0 day of 0 day 0.

WITNESS (Signature, printed name and date):

Randel Lindemann Randel Lindemann October 3, 2002

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PATENT REEL: 013511 FRAME: 0637

RECORDED: 11/19/2002