

11-22-2002



Form PTO-1595

U.S. Department of Commerce

Docket No. 064706-0013

102290291
PATENTS

EET

To the Hon. Commissioner of Patents & Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Dave B. Adair, James V. Burrell, Charles Chao, Mohan K. Gupta, Melissa Hirota, Patrick Jaillet, Lalit Jain, John Kealoha III, Ryan K. Kita, Quang N. Mai, Dirk Niemeyer, Nirod N. Samal, Chung Wang, Flora F. Wang, and Andrea L. Whobrey

Additional name of conveying party attached? ___ Yes XX No

2. Name and address of receiving party(ies)

Name Honda Giken Kogyo Kabushiki Kaisha (Honda Motor Co.

Internal Address: _____

Street Address: 2-1-1 Minami-Aoyama, Minato-kuCity: Tokyo Country Japan ZIP 107Additional name(s) and address(es) attached? ___ Yes XX No

3. Nature of conveyance:

X Assignment _____ Merger

___ Security Agreement _____ Change of Name

___ Other _____

Execution Date: September 17-October 11, 2002

4. Application number(s) or patent numbers:

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 10/036,966

B. Patent No.(s)

Additional numbers attached? ___ Yes XXX No

5. Name and address party to whom correspondence concerning document should be mailed:

Name Marc E. BrownMcDermott, Will & EmeryInternal Address: 34th FloorStreet Address 2049 Century Park EastCity: Los Angeles State CA ZIP 90067

6. Total number of applications and patents involved:

40E

7. Total fee (37 CFR 3.41)

___ Enclosed

X Please charge to deposit account

8. Deposit Account number:

501946

(Attach duplicate copy of this page if paying by deposit account)

11/21/2002 TDI A21 00000207 501946 10036966
01 FC:0021 40.00 CH

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Marc E. Brown

Name of Person Signing

Signature

November 14, 2002Total number of pages including cover sheet, attachments, and document: 12

PATENT
REEL: 013502 FRAME: 0267

ASSIGNMENT

WHEREAS, We, Dave B. Adair, James V. Burrell, Charles Chao, Mohan K. Gupta, Melissa Hirota, Patrick Jaillet, Lalit Jain, John Kealoha III, Ryan K. Kita, Quang N. Mai, Dirk Niemeyer, Nirod N. Samal, Chung Wang, Flora F. Wang, and Andrea L. Whobrey, the undersigned inventors (ASSIGNORS), have invented "Move Lot Size Balancing System and Method," for which we have filed an application for letters patent of the United States, Application Serial No. 10/036,966, filed December 20, 2001; we are joint owners of this invention and improvements; and

WHEREAS, Honda Giken Kogyo Kabushiki Kaisha (Honda Motor Co., Ltd.), (ASSIGNEE) is a corporation organized and existing under the laws of Japan, having a place of business at 700 Van Ness Avenue, Torrance, CA 90501. ASSIGNEE desires to acquire the entire right, title and interest in and to the inventions, applications and letters patent to be granted and issued for the inventions and applications;

NOW, THEREFORE, for and in valuable consideration, the receipt and legal sufficiency of all of which we acknowledge, we, the ASSIGNORS, have sold and do hereby sell, assign, transfer and set over unto the ASSIGNEE, its successors and assigns, ASSIGNORS' entire right, title and interest:

in and to the inventions,

in and to the application for letters patent thereon,

in and to applications claiming priority from Application Serial No. 10/036,966, including divisional and continuing applications and continuations-in-part,

in and to any and all letters patent which may be granted and issued on the inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all foreign countries, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment, and

in and to any right to sue for past infringement of the inventions, improvements, applications and letters patent.

And for the above-named consideration, we agree that we will, at the request of the ASSIGNEE, execute any and all applications for letters patent for the inventions and any and all other papers and documents and do all other and further lawful acts that the ASSIGNEE may deem necessary or desirable to obtain letters patent on the inventions, to secure the grant of such letters patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and letters patent.

And for the above-named considerations, we authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, letters patent for the inventions before competent International Authorities including the World Intellectual Property Organization and in any and all foreign countries in which applications for letters patent can be so made or letters patent so obtained.

Dated: 9/18/, 2002

Dave B. Adair

Name: Dave B. Adair

Address: 20241 EVERGLADES LN.
HUNTINGTON BEACH CA 92646

STATE OF California)
) ss.
COUNTY OF Los Angeles)

On September 18, 2002 before Linda Yamada personally appeared Dave B. Adair,
☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

Linda Yamada
Notary Public



Dated: _____, 2002

See page 9b

Name: James V. Burrell

Address: _____

STATE OF California)
) ss.
COUNTY OF LA)

On _____, 2002 before _____ personally appeared James V. Burrell,
☐ personally known to me or ☐ proved to me on the basis of satisfactory evidence to be
the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me
that he/she/they executed the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument, the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

(SEAL)

Charles Chao

Dated: September 17, 2002

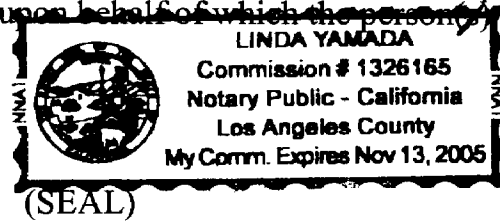
Name: Charles Chao

Address: 9255 Highland Street
Bellflower, CA 90706

STATE OF California)
) ss.
COUNTY OF Los Angeles)

On September 17, 2002 before Linda Yamada personally appeared Charles Chao,
☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.



Linda Yamada
Notary Public

Dated: 10/09/, 2002

Mohan K. Gupta
Name: Mohan K. Gupta
Address: 3922 Emerald St, #88
Torrance, CA - 90503

STATE OF California)
) ss.
COUNTY OF Los Angeles)

On October 9, 2002 before Linda Yamada personally appeared Mohan K.
Gupta, ☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be
the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me
that he/she/they executed the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument, the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Linda Yamada
Notary Public

Dated: Sept. 19, 2002

Melissa Hirota
Name: Melissa Hirota
Address: 5511 La Pasada St.
Long Beach CA 90815

STATE OF California)
COUNTY OF Los Angeles) ss.

On September 19, 2002 before Linda Yamada personally appeared Melissa Hirota,
☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that
~~he~~/she/~~they~~ executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their
signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

Linda Yamada
Notary Public



Dated: _____, 2002

See page 9C

Name: Patrick Jaillet

Address: _____

STATE OF California)
COUNTY OF _____) ss.

On _____, 2002 before _____ personally appeared Patrick Jaillet,
☐ personally known to me or ☐ proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

(SEAL)

Dated: Oct 9th, 2002

Lalit Jain
Name: Lalit Jain

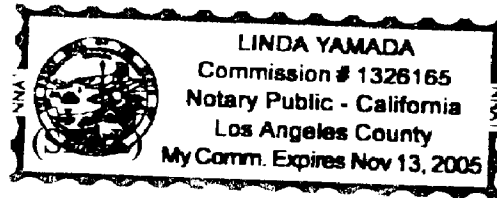
Address: 17814 LA BONITA CIR
CERRITOS CA 90703

STATE OF California)
COUNTY OF Los Angeles) ss.

On October 9, 2002 before Linda Yamada personally appeared Lalit Jain, ☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Linda Yamada
Notary Public



Dated: 10 - 11, 2002

John Kealoha III
Name: John Kealoha III

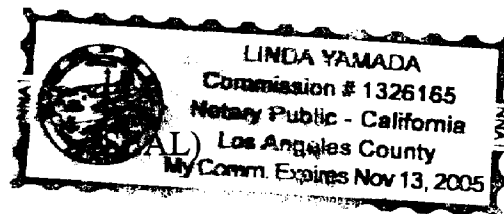
4750 Montaire Ave
Address: Long Beach, CA 90808

STATE OF California)
COUNTY OF Los Angeles) ss.

On October 9, 2002 before Linda Yamada personally appeared John Kealoha III, ☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Linda Yamada
Notary Public



Dated: 9/17, 2002

Ryan K. Kita
Name: Ryan K. Kita

14 New Hampshire
Address: IRVINE, CA 92606

STATE OF California)
) ss.
COUNTY OF Los Angeles)

On September 17, 2002 before Linda Yamada personally appeared Ryan K. Kita,
☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that
he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~
signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

Linda Yamada
Notary Public



Dated: Oct 9th, 2002

Quang N. Mai
Name: Quang N. Mai
Address: 8771 SAVOY CIR
HUNTINGTON BCH, CA 92647

STATE OF California)
) ss.
COUNTY OF Los Angeles)

On October 9, 2002 before Linda Yamada personally appeared Quang N. Mai,
☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that
he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~
signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

Linda Yamada
Notary Public



Dated: September 18, 2002

Dirk Niemeyer
Name: Dirk Niemeyer
Address: 44 ENFIELD AVE
FOOTHILL BLVD, CA 92610

STATE OF California)
) ss.
COUNTY OF Los Angeles)

On September 18, 2002 before Linda Yamada personally appeared Dirk Niemeyer,
☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that
he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~
signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

Linda Yamada
Notary Public



Dated: 10/11/, 2002

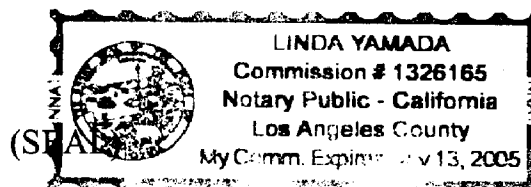
N. Samal
Name: Nirod N. Samal
Address: 550 Paulano Ave, N211
Costa Mesa, CA-92626

STATE OF California)
) ss.
COUNTY OF Los Angeles)

On October 11, 2002 before Linda Yamada personally appeared Nirod N.
Samal, ☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be
the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me
that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by
his/~~her/their~~ signature(s) on the instrument, the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Linda Yamada
Notary Public



Dated: 9/17, 2002

Chung Wang
Name: Chung Wang
Address: 2605 S. BAIS PLACE
HACIENDA HTS CA 91765

STATE OF California)
) ss.
COUNTY OF Los Angeles)

On September 17, 2002 before Linda Yamada personally appeared Chung Wang,
☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

Linda Yamada
Notary Public



Dated: Sept. 17, 2002

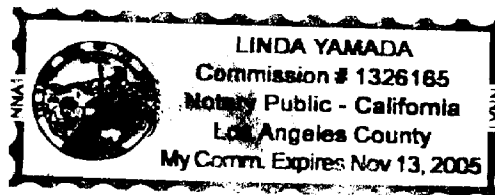
Flora F. Wang
Name: Flora F. Wang
Address: 18705 Stefania Ave.
Cerritos, Ca 90703

STATE OF California)
) ss.
COUNTY OF Los Angeles)

On September 17, 2002 before Linda Yamada personally appeared Flora F. Wang,
☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

Linda Yamada
Notary Public



Dated: Sept. 17, 2002

Andrea L. Whobrey
Name: Andrea L. Whobrey
Address: 4516 Narrot St.
Torrance, CA 90503

STATE OF California)
) ss.
COUNTY OF Los Angeles)

On September 17, 2002 before Linda Yamada personally appeared Andrea L. Whobrey, ☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that ~~he~~/she/~~they~~ executed the same in ~~his~~/her/~~their~~ authorized capacity(~~ies~~), and that by ~~his~~/her/~~their~~ signature(~~s~~) on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Linda Yamada
Notary Public



Dated: _____, 2002

Name: Dave B. Adair

Address: _____

STATE OF California)
) ss.
COUNTY OF _____)

On _____, 2002 before _____ personally appeared Dave B. Adair,
☐ personally known to me or ☐ proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

(SEAL)

Notary Public

Dated: 8/30, 2002

James V. Burrell
Name: James V. Burrell

Address: 4605 S. Yosemite St, #18
Denver, CO 80237

STATE OF ~~California~~ ^{COLORADO})
) ss.
COUNTY OF ARAPAHOE)

On 8/30, 2002 before MICHELLE MATSUMOTO personally appeared James V. Bur-
rell, ☒ personally known to me or ☐ proved to me on the basis of satisfactory evidence to be
the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me
that he/she/they executed the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument, the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Michelle M. Matsumoto
Notary Public

(SEAL)

Dated: _____, 2002

My Commission Expires on 04/18/2004

Name: Charles Chao

Address: _____

- 96

LAS99 1244889-1.064706.0013

PATENT
REEL: 013502 FRAME: 0277

STATE OF California)
) ss.
COUNTY OF _____)

On _____, 2002 before _____ personally appeared Melissa Hirota,
☐ personally known to me or ☐ proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

(SEAL)

Dated: Oct 7, 2002

Patrick Jaillet
Name: Patrick Jaillet

15 Diana Ln
Address: Lexington, MA 02421

~~Commonwealth of Massachusetts~~
STATE OF California)
) ss.
COUNTY OF Middlesex)

On Oct 7th, 2002 before Donna J. Hudson personally appeared Patrick Jaillet,
☒ personally known to me or ☐ proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

Donna J. Hudson
Notary Public

(SEAL)

Dated: _____, 2002

Lalit Jain
Name: Lalit Jain

Address: _____