REB/sb (P58439)

PATENT REEL: 021413 FRAME: 0721

ASSIGNMENT (Page One of Two)

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that:

IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE:

SAMSUNG ELECTRONICS CO., LTD.,

a corporation chartered in and existing under the laws of the Republic of Korea,

ADDRESS:

executed on even date herewith, or

19/155 235

416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, 442-370, Republic of Korea

30 May 2008

Who is my Assignce, and to the successors and assigns of my Assignce, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

TITLE: A MIMO WIRELESS PRECODING SYSTEM ROBUST TO POWER IMBALANCE

invented by mc (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment, or is more particularly identified as:

executed on		, or
and in and to all United States patents which may be gramed the continuations, continuations-in-part, reissued and re-examined pater the patent when granted, to be held and enjoyed by said SAMSUNG legal representatives, to the full end of the term, terms, or any exterfully and entirely as the same would have been held and enjoyed by t	nts, and to any extensions thereof, said ELECTRONICS CO., LTD., my A asion or renewal thereof, for which sa	d interest being the entire ownership of assignee, its successors, assigns or other aid patent or patents may be granted, as
AND I hereby covenant and agree to sign and execute, without receiving any money or other consideration, any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of all substitute applications, certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreement or treaty to which the United States of America adheres; AND I do hereby authorize and request the Commissioner of Patent & Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request R. E. Bushnell, Reg. No. 27,774, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply the rules of the United States Patent & Trademark Office for recordation of this document.		
IN WITNESS WHEREOF, I and we have set our hands a	and seals on the dates written beside m	y and our respective names:
IN WITNESS WHEREOF, I and we have set our hands a <u>INVENTOR(s)</u>	and seals on the dates written beside m	y and our respective names: Witness(cs)
		•
INVENTOR(s) 1) (Seal)	Date Signed	Witness(cs) LORI L. DENINGER MY COMMISSION EXPIRES
INVENTOR(s) 1) (Seal) JIANZHONG ZHÁNG 2) (Seal)	Parte Signed	Witness(cs) LORI L. DENINGER MY COMMISSION EXPIRES June 14, 2010

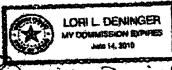
Additional inventors are being named on separately numbered sheets attached hereto.

Δ 4/10/1996 R.E. BUSHWELL

PATENT REEL: 021413 FRAME: 0722 (Scal)

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DOCKET No. P58439



DRIL Denin

P.001/002

5/29/2003

5) ______(Seal)

6) ZHOUYUE PI (Seal)

5/29/rus

LORI L. DENINGER
MY COMMISSION EXPRIES
June 14, 2010

A 4/10/1996 N.E. BOSHBELL

PATENT REEL: 021413 FRAME: 0723

ASSIGNMENT (Page Two of Two)

(Seal)

DOCKET No. PS8439



FAROOQ KHAN

<u> 5/23/</u>2000

4) ______(Seal)
BRUNO CLERCKX

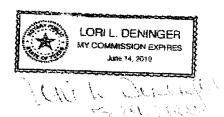
35 (Seal)

6) (Seal)

JUHÓ LEE

6/4/2008

5/29/208



A Dillorage R.E. STERNESS

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