

Whereas, I

INVENTOR
AND CITY

(1) Hardayal Singh Gill
City of Palo Alto

County of Santa Clara
State Of California

have invented certain improvements in

TITLE

"Magnetoresistive Sensor with A Thin Antiferromagnetic Layer For
Pinning Antiparallel Coupled Tabs"

DATE THAT

and executed, respectively, a United States patent application
therefor on

INVENTOR
SIGNED THE
DECLARATION

(1) 4/25, 2002.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a
corporation of New York, having a place of business at Armonk, New
York 10504, (hereinafter called IBM), desires to acquire the entire
right, title and interest in the said application and invention, and
to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is
hereby acknowledged, We, the above named, hereby sell, assign, and
transfer to IBM, its successors and assigns, the entire right, title
and interest in the said application and invention therein disclosed
for the United States and foreign countries, and all rights of
priority resulting from the filing of said United States application,
and We request the Commissioner of Patents to issue any Letters
Patent granted upon the inventions set forth in said application to
IBM, its successors and assigns; and We hereby agree that IBM may
apply for foreign Letters Patent on said invention and We will
execute all papers necessary in connection with the United States and
foreign applications when called upon to do so by IBM.

Signed and sealed

CITY

(1) at San Jose

Hardayal Singh Gill Signature
Hardayal Singh Gill Inventor

Date

on 4/25, 2002