Inventive genius is due to the creative fantasy of introverts often incapable of grasping even the simplest precepts of social life [1]. Beethoven, for example, lost all effective contact with the social and business worlds before he was thirty years old. He was totally devoid of sympathetic insight and inhabited a world of his own into which no one else could penetrate. Except for a few disastrous occasions, he indifferently left others to live their own ways in their own pragmatic, atonal worlds [2]. To put it bluntly, Beethoven was pretty damned stupid in non-musical matters, but that was the price he paid for his genius.

Sir Isaac Newton was likewise something of a freak/odd-ball. He was reclusive, mind-less of personal cleanliness, taciturn and so obsessed with his all-consuming work he could for-get to eat. He was also insensible to passion and rumored to have died a virgin [3].

Henry Ford had little in common with Beethoven or Newton, except that all were totally inept in their interactions with the social and emotional; Newton in equations and apples; Ford in a world of steel and overalls [4] outside of which he was all but lost—i.e., stupid [5]. This inability of the great to relate to ordinary minds shows up in sports as well: no great baseball player has been an effective manager. Such people do so much so naturally and well that they have difficulty relating professionally to those who are struggling to learn and to whom performing is a conscious effort [1].

Further, the development of creativity and genius seems to depend very much on such noncognitive factors as personality, motivation, upbringing, etc. Although a certain level of mental ability is necessary for mastery of a body of knowledge, independence of thought is really the factor which permits the creative person to move beyond mastery to inventive genius [6]. Napoleon opined that genius was an unlearnable artistic intuition [7]; learning might carry a person up to a point, but the genius would leap beyond what was learned to another level. The jump may be a logical extension of what is known, but it is still a leap into the unknown.

Most geniuses leap to greatest advantage when least embroiled in human society [8]. Mozart, for example, created best when completely himself [9], because excellence is a subjective, personal experience rather than a psychosocial phenomenon. It is not a commodity which can be bought or sold; nor is it a matter to be settled by arbitration or reached by mutual consent; nor can it be imposed on anyone by force. The genius provides an alternative perspective to that of the ac-cepted schema [10], dispenses with the clutter of mythology, false belief and jargon which obscure clear perception of the facts [11] and reaches that pinnacle of creation by building faith in his own beliefs about a phenomenon in which he is totally absorbed. The inventivegenius deliberately isolates himself so that he can deal exclusively with a limited amount of information independently.

It is important to note the contribution of stupidity to gen-i-uis [12] For the creative person to achieve independence of thought, he must, to some degree, make himself oblivious of his surroundings, prevailing explanations and assumptions. One recipe for creative thinking is a peculiar blend of concentrated daydreaming and willful blindness [13]. The first step is to get the eyes out of focus so that disruptive external stimuli are reduced [14]. This reduced awareness of the environment gives imagination a chance to wander. Such was the mental state of nineteenth century architect John Root, as described by his partner Daniel Burnham: “He would grow abstract and silent. A faraway look would come into his eyes, and the building was there before him....” [15]. When, in such a state, the mind can fix upon a new idea and concentration on it, its ramifications can then be carried to logical or even absurd extremes. If this brings one closer to the solution of a problem or opens new vistas for personal or cultural advancement, then the brief detachment was well worthwhile.

French author Honoré Balzac was a classic example of this: He was a genius at creating fictional worlds by isolating himself from reality for twelve hours a day. However, he was a failure when his grandiose, Kramdenesque schemes for glory, power and riches came to less than naught in his dealings with the factuality of the business world [16]. Likewise, Thomas Edison saw what he wanted to see and ignored most of the rest of his perceptual field: that is, he was focused ind...
what many around them just felt. For whatever purpose such an ability is used, it must be recognized as a kind of genius.

It is hardly surprising that the decision to label a particular creative person a crackpot or genius is one of the more arbitrary judgments people make. In general, smart people may seem like crazy people to dumb people [22] and vice versa. Of course, since people usually use their own schema as the standard for evaluation, they tend to regard any deviation from expectation with a certain amount of humor or trepidation and interpret it irreverently. The general rule is that a crackpot is someone who makes a concerted effort to find a new way to be stupid, whereas a genius is a crackpot who just happened to be right. Oliver Evans (1755-1819) personified the first type. Never heard of him? That is because he tried to invent the Stanley Steamer 100 years before Stanley [3, 22] The second type can be represented by Gutenberg, Watt, Whitney, Bell, Edison and Gustave Whitehead–Who? The man who was the first to fly an airplane.

References

5. a The only exception might be Rogers Hornsby, who was for a while, interestingly enough, a playing manager. Even his lifetime won/lost record, however, was under .500. (By the way, the converse is also true: the great managers had been poor to mediocre players–Joe Torre perhaps except-ed.)
6. On the general point, like Ford, James Watt felt he was out of his element when dealing with people and disliked doing so. (Dickinson. 79.) In the same vein, Henry Cavendish, Marie Curie and Albert Einstein all exhibited characteristics of Asperenger’s syndrom. (Kalb. 282.)