

From Mrs. Neil T. Van
Neas-2-16-1961

Gano--Grantors in deeds in Somerville

Grant
Abraham Q. J-5-1861 Hills. Grantee-1864
Aletta Ann S-3-181--1866 Hills.
Catherins Z-2-289--1857 Bburg
Catherin J. J²³-7--1861 Hills.
Garric S. M-8-339--1897
Christopher B. 1866-1914 Hills
Catherine W.--E-9-480 Millstone
Carrie Y. O-10-430--1906 N. Plain.
Carrie S. N-11-417--Bound Brook--1908
Caroline S. V-13-273--1913 Bound Brook
Catherine W. O-15-410--1916 Hills.
Eliz. H. K-2-271-1860--Hills.
Euna T. O-11-476--1908 N. Plain.
Eliz. B. U-13-66--1906 Bound Br. (Grantee--1913)
Edwin B. U-13-66--1913 B. Brook
Euna T. Y-13-180--1914 Hills.
George (Est.) M-65-1825 Hills.
George (Ex.) I-2-173--1848 Bburg (Grantee 1847-1857-1867)
George V-2-535--1855--Hills.
George W. O-7-254--1891 Hills. 1906-1908--N. Plainfield
John ⁴ E-3-65--1859 Bwater (Grantee--1857 Bwater--1896--Som.)
John H. U-3-446--1868 Hills.
Joseph W. (EX) P-5-456-1879 Bwater
Joakin Q.--1891 Mont.
John H. 001897 Hills. (Grantee--1850 Hills.)
John M.S.--1908 B. Br.
Lutisha -1850 Hills.
Letty A.--1866 Hills.
Lewis ^A. Vol. Asgmt.
Kate E.--1897 Hills.
Kate W. ²² --1900-1902-1916 Millstone
Margaret--1859 Raritan
Manning F.--1905 North Plainfield
Nona--1895 Bedmin.
Stephen G.--1891-1916 Hills. Bburg Millstone Mont.
Samuel Sr.--1859 Raritan
Samuel Jr.--1859 Raritan
Stephen--1826-1864 Hills.
Sarah--1872 Raritan
Samuel Jr. (Est.)- 1874 Raritan
Samuel (Est.) Sr. Bwater (Missed date)
Wm.--1810
Wm. K.--1895--Bedmin. 1893 ^Bed.
Joanna W.-Grantee--1890-94 Hills.

CATEGORY III

-3-

<u>Tag No.</u>	<u>R.M.N.</u>	<u>Date</u>	<u>Type Of Material</u>	<u>Cost</u>	<u>Reserved For</u>	<u>Spec. J.</u>	<u>Date</u>
4538	53-338-34	9-1954	Unit, J-33007 C-1, L-1	107.75)			
4539	53-338-35	"	" " " " "	107.75)			
4540	53-338-36	"	" " " " "	107.75)			
4541	53-338-37	"	" " " " "	107.75)			
4542	53-338-38	"	" " " " "	107.75)			
4543	53-338-39	"	" " " " "	107.75)			
4546	53-338-42	"	" " " " "	107.75)	→ Lakehurst	20522	5-1955
4547	53-338-43	"	" " " " "	107.75)			
4548	53-338-44	"	" " " " "	107.75)			
4549	53-338-45	"	" " " " "	107.75)			
4550	53-338-46	"	" " " " "	107.75)			
4551	53-338-47	"	" " " " "	107.75)			
4552	53-338-48	"	" " " " "	107.75)			
4553	53-338-49	"	" " " " "	107.75)			
4554	53-338-50	"	" " " " "	107.75)			
4555	53-338-51	"	" " " " "	107.75)			
4556	53-338-52	"	" " " " "	107.75)	→ Beach Haven	30526	5-1955
4557	53-338-53	"	" " " " "	107.75)			
4558	53-338-54	"	" " " " "	107.75)			

From Mrs. Neil T. Van
Nesq

GRANDCHILDREN, etc. of STEPHEN GANO AND MARTHA QUICK *2-16-1961*

1. George^{Gano} m. Catherine Higgins, dau. of Jonathan J. Higgins
and Eleanor Voorhees.
b. Apr. 30, 1815
d. May 13, 1884 (Higgins Gen. p.309)
m. Sept. 15, 1832

Children: 1. Rebecca

2. Julia m. Alec Brokaw

Children: 1. Catherine m. --- Wehrle
2. George G. m. Frances
Lived at Hoagland
Neshanic Sta.

3. Anna Rebecca (Cor.telyou Gen.)

b. Dec. 21, 1836 Neshanic
d. June 3, 1922 Hillsborough T.
m. Henry Terhune Cortelyou Dec. 5, 1853

4. Margaret C.

m. Christian Nevius of Omaha, Neb.,
son of Jacob Nevius and his 2nd
wife, Hannah Lanning
(Nevius Gen.)

(Gano information obtained from Margaret Opie Haver)

2. Catherine Beekman Gano m. Ezekiel Blue Jan. 26, 1833

No children.

Catherine Blue, adopted dau of John d. May 31, 1813, aged
11 yrs. 2 mo.
See Neshanic

3. Eliza Gano m. Cornelius Nevius Allen

b. Jan. 16, 1812

d. Oct. 18, 1861

Lived at Clover Hill, N.J.

- Children: 1. Cornelius Nevius b. Feb. 1, 1835; m.
Mary Van Pelt (*Cortelyou Gen.*)
2. Martha b. Sept. 5, 1836
3. Sarah Jane b. Aug. 27, 1838
4. Stephen Gano b. June 22, 1840
5. Ellen Ann b. Sept. 14, 1842
6. Abraham b. Mar. 22, 1846
7. Nathan b. Apr. 6, 1848
8. Ezekiel Blue b. Aug. 13, 1850; d. *concordia*
Mar. 29, 1936; m. Jan. 2, 1872
Sarah Eliza Post of Harlingen,
dau. of Abram Post
9. John b. Jan. 21, 1853
10. Caroline Gano b. Mar. 5, 1855
11. George Gano b. Sept. 1, 1857.

(information from Mary Nevius of Clover Hill, N.J.)

Grandchildren of Stephen Gano, cont.

4. Abraham G. but this is probably meant for Q. for Quick.
m. Catherine Jane Nevius Dec. 4, 1850 (SCHQ V.4
p.231) ; dau. of William
Nevius: b. Aug. 24, 1831; d.
Nov. 1881. (Nevius Gen.)

- Children: 1. Stephen d. Dec. 30, 1852 d. Dec. 30,
1852 aged 3 mo. (Flagtown cem.)
2. Cornelius b. Dec. 14, 1853 (Nevius Gen.)
3. Wm. N. b. June 25, 1857; b. 1900 or bef.
4. Lewis b. Oct. 13, 1859; d. 1900 or bef.
5. Sarah Catherine b. Feb. 16, 1861
6. Willie Gano d. Jan. 13, 1859, aged 1 yr.,
7 mo., 12 da.

(It is not clear where #3,4,5 came from. They are in one list in my notes.) (I was told by someone that there were two girls, so it is probably an incomplete list.)

- ** 5. Rebecca Voorhees Gano m. Abraham Kershaw Oct. 13, 1836
(SCHQ V.5 p.226)
(A Miss Brokaw gave me two children and the Nevius Gen.
has one more-Jane.)

1. Jane Maria b. June 7, 1838; d. Nov. 24, 1872;
m. Frederick Stoothoff Nevius Oct. 29,
1856.
2. Anna b. May 10, 1848
3. Catherine Blue b. Feb. 28, 1852

6. Mary Ann Gano m. Gerard Beekman Feb. 7, 1844 (SCHQ V.1 p.301)
1. Martha b. Mar. 2, 1825 Neshanic, N.J. ; d.
July 15, 1856 Bridge Point (Harlingen);
M. James Oppie Oct. 19, 1844.
 2. Catherine
 3. Mary Jane
 4. Eliza Beekman m. ---Van Arsdale
 5. Stephen bur. by a Van Arsdale (nephew) at
Princeton: unm.
 6. --- m. Homer Mahan

* (Ref. not given for these)

EQUIPMENT HELD IN KNICKERBOCKER STOREROOMAND NOT ASSIGNED AS OF JANUARY 15, 1958POWER EQUIPMENTCATEGORY V

<u>REMOVED FROM</u>	<u>R.M.N.</u>	<u>YEAR</u>	<u>TYPE OF MATERIAL</u>	<u>QUAN.</u>	<u>COST</u>
Red Bank	55-094-5	8-57	Indicator 754B E/W KS-8207 Meter	1	116.00
Moorestown	53-896-37	10-56	Panel P-429575 E/W	1	2.99
"	"	"	233C Ret. Coil	1	75.00
"	53-896-38	"	" " " " "	1	77.99
Ramsay	54-839-40	2-57	Coil 233C Retard	1	75.00
Allendale	54-840-42	3-57	" " "	1	75.00
Gilbert	54-644-2	8-57	P/P 410A Consisting of L- Contr. bay & Panel I5 J-8658402, 1L2, 5- 18 2L19, 1L24, 1LH E/W	1	281.00
			Rect. J-8620705	1	497.00
Ramsay	54-839-39	2-57	Rectifier J-86207P1L1 05	1	450.00
Whippary	54-456-66	12-56	" " J-86263B1L1 07	1	668.00
Moorestown	53-896-36	10-56	" " J-86263B1L1 06	1	668.00
Allendale	54-840-41	3-57	" " J-86207P1L1 05	1	450.00
Long Branch	55-114-7	5-57	" " J-86207P2L1 48V Mod.	1	450.00
Ramsay	54-839-46	2-57	" " J-86207L2L2	1	275.00
Merchantville	753-102-13	7-57	" " J-86207P1L1 24V Mod for 48V	1	450.00
			W/ 233C Retard Coil	1	75.00
Moorestown	53-986-46	10-56	" " J-86207P1L1 05	1	450.00

7. Ellen Gano m. Abraham Staats. He was b. 1821; d. 1887
m. Dec. 13, 1843 (SCHQ V.8 p.203)

Children: 1. Sarah bp. 1847-Nov. 7
2. Theodore b. 1849
3. Henry Vegthe b. 1850; d. 1869; m.
Matilda Young
4. Stephen Gano b. 1852; d. 1911
5. John b. 1853; Oct. 29
6. Martha Van Liew b. July 4, 1855

(Ref.-Staats book, arranged for the DAR by Mrs. Lewis Allen)

8. Martha Gano m. James Oppie. See Oppie Gen. for children.

* * 9. Joachim Gano m. Catherine Stryker. She was b. Dec. 26, 1833p
d. Mar. 17, 1889; dau. of Nicholas V. Terhune
Stryker and Ann Terhune

Children: 1. Anna T. d. Mar. 7, 1890; m. Henry De-
Witt Terhune.
2. Stephen Augustus d. Aug. 6, 1876, aged
10 yers. 4 mo.

* (Ref.-not given)

10. Jane Quick Gano m. Cornelius Brokaw Feb. 27, 1850 (SCHQ V.1
p.301)
B. July 19, 1824
d. July 8, 1894
Bur. Belle Mead

Children: 1. Theodore W. b. Mar. 12, 1852
2. John N. b. May 28, 1852; d. Mar. 31,
1910
3. Stephen b. June 8, 1860; d. after
1941; m. Sarah Cortelyou
4. Cora J. b. Oct. 9, 1866; d. Sept. 6,
1946
5. Lillie A. b. Mar. 4, 1870; living in
1956

(Information send by Mrs. Fred Voorhees)

11. Magdalena Gano m. Peter Cornelius Staats

Children: 1. Cornelius Peter 1854-1895
2. Caroline Gano m. Garret Hegeman

(Ref. Mrs. Fred Bascom, dau. of Caroline)

Lived at Millstone

whether the frame seizes the marker. This difference in the direction of the connection is also indicated in the name given to the connectors. In cases where the marker seizes a frame, the connector is given only the name of the frame the marker seizes. Accordingly, there is a line link connector, a trunk link connector, an outgoing sender connector, and a number group connector. When it is the marker that is seized by the frame, both the word marker and the name of the frame are included in the name of the connector. Thus, there is an originating register marker connector, an incoming register marker connector and a line link marker connector. For the line link frames, both types of connectors are required and, accordingly, there are both line link connectors and line link marker connectors. The line link connectors are used while the marker is establishing connections between line link and trunk link frames. The line link marker connectors are only used when a subscriber lifts the receiver off the hook to place a call.

The paths through the connector are established by the operation of multi-contact relays - each such relay closing 60 contacts. As each connector closes more than 60 paths in establishing a connection, there is more than one multi-contact relay per marker in each connector. These relays incorporate two operating magnets, and by separating

*He d. - Dec. 6, 1922
She - b. - Mar. 6, 1834
d. - June 20, 1894* } *Neshanic
Cem. stands*

12. Christopher Beekman m. Aletta Stephens Oct. 20, 1859 (SCHQ V.4 p.231)

- Children: 1. Rita m. Dennis Van Liew (Lived Neshanic Sta.)
 2. Lewis Lived on Long Island
 3. Carrie
 4. One more

(Information from Miss Lillie Brokaw #5 under Jane Quick ~~Gano~~. She sent four children and from my knowledge I supplied the names of three.) (The dau. of Dennis Van Liew was born late in life as was my sister Kathryn, who was 14 years younger than I. The two children were born about the same time and were friends for many years.)

*(I remember him as Uncle "Beek", living at my grandfather's
Opie's home)*

13. Sarah Gano m. Peter Stryker Skillman Nov. 15, 1854 (SCHQ V.8 p. 199)

b. Oct. 1, 1827 (stone) Neshanic; bur/ Clover Hill; d. May 1, 1900 (stone);
m. Maggie Higgins, ~~wed Aug. 15~~
1864

- Children: 1. Wm. Edgar b. Jan. 4, 1856
 2. John Van Zandt b. Feb. 1863; d. Aug. 15, 1864 (stone)
 Twins
 3. Retta Van Zandt d. Sept. 4, 1864 (stone)
 4. Peter
 4. Lewis B. m. Clara Wilts. He was b. Sept. 2, 1866

(Ref.-Unstated)*

14. Caroline Gano Unm.

15. Stephen Gano m. Catherine Elizabeth Lane, dau. of Aaron Lane and Catherine Hamner of Readington, N.J.

Catherine Lane was bp. Nov. 6, 1839 and given as of Exira, Iowa,

(Ref.-SCHQ.)

* For unstated references, I think the information was from some *C.K.*

the operating cards. The selecting magnet is released and restored to its normal position shortly after the holding magnet operates. The wire selecting finger is held in position by friction as long as the holding magnet is operated, but because of its flexibility the wire selecting finger does not interfere with subsequent operation of the selecting bar. Fig. 3 shows this selecting mechanism in detail.

Multi-Contact Switch

The 217A switch is a multi-contact switch, manually operated and having 60 pairs of contacts. It is essentially a multi-contact relay with the magnets omitted and replaced by a key for actuating a plate which takes the place of the armature in a multi-contact relay. This switch is used where it is desired to switch a number of leads manually, as for example to transfer from one control circuit to another.

Connectors

The #5 crossbar system uses connectors for associating markers with other common control circuits and with the switching frames for short intervals during the handling of a call. This crossbar system uses seven major types of connectors as shown in Figure A-100. In addition to showing the circuits with which each type is used, this sketch shows the number of paths closed by each connector and the direction of the connection. That is, whether the marker seizes the frame or

descendant.

** Children probably not complete.

A set of off normal springs that operate when the selecting magnet operates can also be obtained with each selecting magnet. Across the face of the switch are five pivoted horizontal or selecting bars, one for each two horizontal levels of the switch. Each selecting bar is equipped with a wire selecting finger opposite each vertical unit as shown in Figure 1, 1A, 2. A damping spring is provided on each selecting finger to reduce its period of vibration.

Operation of Crossbar Switch

Assume that the crosspoint at horizontal level 6 of vertical unit 9 is to be closed, the operation then will be as follows:

Selecting magnet 6 is energized causing the selecting bar to rotate downward and place the wire fingers between the holding armature and the operating card at horizontal level 6 of each vertical unit. Holding magnet 9 is then operated, moving the holding armature toward the operating card and closing the contacts of crosspoint 6 of vertical unit 9 by using the wire selecting finger as a wedge. Fig.2 shows how this closure takes place.

As only one selecting magnet is operated at a time, no other crosspoints of vertical unit 9 can be closed because the selecting fingers of other selecting bars pass between

The Orange County California
Genealogical Society

GANO Family

REFERENCE ONLY
NOT TO BE CIRCULATED



*From Mrs. Nancy Van Nieuw
2-16-1961*

ODD GANO NOTES

Lambertville, N.J. Church records- (Pres.)- At the annual meeting Oct. 7, 1857, \$20. of their mission money was sent to the Bible Soc. to be used in Albany, Ill., whose pastor was Rev. Jon M. Ganoe.

Mrs. Michael L. Evano of 219 Madison Ave., Erie, Pa. had started to work on the Ganos and in 1956 had had some correspondence with Mr. Yost She was dealing maily with the Ohio family.

John H. Gano 1862-1917 m. Sarah J. Hollenbeck (Stone in Nesbanic cemetery).

Samuel Gano 1835-1925 m. Sarah J. Hollenbeck 1841-1915 (Nesbanic cem.)

(I must have copied one of these wives wrong and never checked it. If you don't have it and want it, I'll get someone to check it for me.)

ANNA T. GANO d. Mar. 7, 1890 age 21-9-21 (Harlingen cem.)

DANIEL AND FRANCIS GANO signed with others a paper relating to lan title in Hopewell Twsp. Apr. 22, 1731.

Tax list for 1722 has DANIEL AND STEVEN GANO; one for 1753 has only DANIEL.

ELIZABETH GANO m. Gerrit Nevius and had dau. Marie b. May 6, 1781.

ELIZABETH GANO, dau. of Francis of Amwell m. Abram Pettinger, of Somerset Co. Oct. 2, 1738. He was a weaver.

GEORGE GANO was a freeholder of Bethlehem Twsp., Hunt. Co. Apr. 11, 1849, aged 80.

WILLIAM GANO m. Mary S. Conover--no date.

GEORGE GANO m. Rachael Case Oct. 4, 1795.

JACOB GENOA m. Jimmy Hoagland at Millstone (SCHQ V.8 p.190)

- Children: 1. Elizabeth Hoagland b. 1822
- 2. Susannah b. 1820
- 3. Jenny b. 1791

These from Millstone records. Also Jacob d. 1849, aged 62 and Jemina d. 1833, aged 46.

WILLIAM GANO (Hunt. Co.) m. Rachel Wyckoff (Her father was b. 18 1781.

- Children: James W.
- Susan

(I think that this is from the Wyckoff Gen.)

Cable rack and cabling have also been simplified. A large part of the job effort in arranging cabling has been eliminated by using basket type cable rack in which cable is run without being sewed or clipped. Instead of one for each line of frames, one cable rack over each wiring aisle serves two lines of frames. Each frame has power feeders terminated in solderless connectors which the installer can quickly patch to supply grids in the office for battery and 110 volt service. Appliance outlets are equipped in each frame when it is assembled, and all in one line of frames are patched together and in turn to a ceiling outlet by flexible cable. The installer will usually have no conduit to install for these services.

From the foregoing, we can state that the #5 crossbar system is designed for full flexibility and adequate load capacity for switching calls from as many as 20,000 subscribers to as many as several thousand trunk circuits. The trunk circuits supply battery and supervision necessary for the talking connection. Ringing and message charging features are also furnished by the trunk circuits on the connections where these are necessary. Only one trunk circuit is required on a call from one subscriber to another in the same office, the subscribers being connected to the respective ends of double-ended trunk circuits provided for this purpose. Crossbar switches are used to provide the talking connections.

JANE GANNEAU m. Alexander Van Pelt 1751 SCHQ V.3 p.160

ABRAHAM GENOO and Jennite

Children: 1. Eleisabet b. 1773
2. Steven b. 1775

Marriage bonds in Sec. of State office, Trenton-some repeats.

JANE GANNEAU-Hunt. pMay 6, 1751 to Alexander Van Pelt
ELIZ. GANNO-Hunt.-Oct. 2, 1738 to Abram Pettinger
ELIZ. GANNO-Hunt.-Mar. 8, 1780 to Garret Nafies
ELIZ. DuBois- to STEPHEN GANO . Was anout 21 at that time.
STEPHEN GANO m. Cornelia Vavasor ~~let, -2km-k782-at-Prabger-B.Y.~~
Oct. 21, 1782 at Orange, N.Y.

These from SCHQ-volumes and pages not given.

JAMES GANO m. Mary Ann Gatzman Nov. 17, 1826 (Zabriskie)

JOHN GANO m. Christianna Paums Dec. 31, 1852 (Ludlow)

JOHN GREDERICK GANO m. Gertrude Hoagland Oct. 2, 1856 (Carrell)

STEPHEN GANO m. Kate Wyckoff June 5, 1872 (Gardner)

MAGGIE A. GAENO m. Edward H. Curtis May 21, 1872 (Ludlow)

MARY GANO m. John Van Dyke

Children: 1. Goe b. 1821 - *Feb. 10* -
2. Benmain b. 1823 - *Mar. 9*
3. Stephen b. 1825 - *Jan 21*
4. Eliza b. 1827 - *May 19*
5. Mary Brokaw b. 1830 - *Feb. 2*
6. Rebecca b. 1832 - *Feb. 24*
7. John Livingston b. 1834 SCHQ V. 3 p. 5-8
Aug. 13

Dates for Mary and John Van Dyke from Mrs. Thoms Allen

Mary b. June 15, 1891
d. June Mar. 11, 1863

John b. Mar. 8, 1787
d. June 30, 1869
Bur. South Bound Brook

CORNELIUS GANO BF. 1819 SCHQ V. 5 p.229

MARTHA ELLÉN GANO m. Christian IL Nevius Feb. 12, 1852 V.7 p.196

SALLY GANO M. WM. F. SCHENCK Oct. 9, 1847 V.8 p.195

CARRIE GANO m. Dennis Schomp Sept. 12, 1872 *V. 8 p. 196*

frames, except one type which mounts various trunk and miscellaneous units, means were found to standardize the frame equipment and wiring apart from its units, and to provide flexibility to care for its various complements of units without great reaction upon production. Even in the one exception where the frame equipment, wiring and unit complements vary from job to job, a pattern was developed to reduce the custom building and made it fairly easy to administer. Accordingly, a large proportion of No. 5 crossbar frames are fully equipped, wired and tested at the factory and field installation is reduced to setting up the frames on the central office floor, interconnecting them with interframe cables and testing the components and the system as a whole.

The frame construction itself is a new feature. In the past switch frames have used angle, channel and I-beam steel sections. In the No. 5 crossbar system, uprights are of sheet metal formed into a rectangular box section, which is much lighter and stiffer than other types used in the past. Formed sheet metal sections are also used for other structural frame members. Front and rear covers of a new design have been incorporated in the frame assembly in a manner that enables frame areas to be covered to any extent desired in one consistent manner. This arrangement avoids a variety of strip covers and sender type casings and frees from cover restriction the arrangement of apparatus on units and of units on the frames.

From Yost:

GEORGE GANO m. Elizabeth 1-10-1790 Bridgewater Twsp.
Somerset Co.
N.Y. Colonial Marriages

GEORGE GANO made his will Feb. 16, 1814 Hillsborough Twsp.

ELIZABETH GANO, dau. of George Gano and Rachel Staats m. George
Nevius of New Brunswick, son of Joris and Hannah Bowman.
He was bp. N. Brunswick Dec. 11, 1839. She was his 1st
wife. He m. 2nd Feb. 16, 1821 Mrs. Mary Lott (nee Griggs)

MARY ELIZ. GANO m. Cornelius Isaac Van Cleef, son of Isaac V.C. of
Harlingen. He was b. Aug. 15, 1801; d. Aug. 6, 1777; m.
Catherine Ann Voorhees. These dates are for
the senior Isaac.

MAGDALENA m. Peter Skillman Dec. 8, 1849 V.8 p.204
(See below for children)

JOSEPH W. GANO -Raritan All voters in Bridgewater Twsp. 1866
SAMUEL
SAMUEL, Jr.

Children of Magdalena Gano and Peter Skillman:

1. Wm. Edgar b. Jan. 4, 1856
2. John Van Zandt b. Oct. 25, 1863
3. Retta Van Zandt twin.

Frame equipment arrangements were similarly standardized to accommodate all needed grouping of functional units completely interconnected and tested at the factory. In order to make each frame as self sufficient as possible, it is equipped not only with its particular component of functional units, but with fuse panels, test equipment, appliance outlets, talking battery filters, terminal strips, and several other items that serve it. Every frame arrangement permits the frame and its common equipment and wiring to be manufactured apart from its functional units. At a later stage in the assembly, units and frames can be brought together in a flexible manner to provide all needed services. Many combinations can thus be assembled from a few standard frames and a relatively few functional units. Each office can be engineered and manufactured with only the features it needs with the minimum of custom building.

Patterns were developed for frameworks, fuse panels, testing facilities, and all other frame equipment and wiring to enable a few parts and assemblies of each type to be brought together in various combinations to constitute each frame, and to permit the frame to serve any combination of functional units.

Where possible, one frame unit combination has been standardized for use on all jobs. The line link, trunk link and number group frames are in this category. For other

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Gano Family

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*From Mrs. Neil T. Van
Ness*

MY DIRECT LINE ---GANO

2-16-1961

ETIENNE GANO b. France; m. France to Lydia Metereu

Children:*1. Stephen, Jr. b. France 1651-4
(55 in 1706 census of Staten Island)
m. Susannah Usselton (Vesleton), dau.
of Frances, Sr. of S.I. and
Sarah Barnes . They were m.
Nov. 25, 1655 (S.I. Records)

2. Child b. 1658 (1653 on sailing list);
d. Apr. 21, 1680

3. Sarah bp. Feb. 4, 1663 Dutch Ref. Ch.
New Am.

Stephen and Susannah were m. between July 9,
1679 and Apr. 21, 1680.

STEPHEN GANO and Susannah Usselton (details as above)

This family was in the 1706 census.

Children: #1. Stephen -26 in 1706 census of S.I.
2. Daniel -25 in 1706 census; m. Sarah
Britton
3. James-22 in 1706 cen.
4. Francis-20 in 1706 cen.
5. John
6. Louis m. Anna Ciseau
7. Isaac
8. Sarah (not in cen.)
9. Catherine-adult in cen.
10. Susannah-adult in census. Died at 87.
11. Lidy-adult in cen.
12. Eleanor "
13. Nealthe "

This came from the American Genealogist V. XIX p.17

NEXT GENERATION MISSING-Might be Isaac and Jane.

STEPHEN GANO m. Elizabeth DuBois May 23, 1747. She was dau.
of Abraham DuBois and Maria Lazalier-LeSeur
Her bp. is in SCHQ. Marriage-N.J.Archives V.22
p.152.

Children: 1. George as below
2. Others ???

GEORGE GANO b. 1758; d. Jan. 24, 1813; bur in Neshanic Sta. in
Hall cem.; m. Elizabeth Cock-Koch July 30, 1786.
(Marriage date added at Washington, when a DAR sup-
plement was acquired.) She was dau. of Thomas Cock
and Mary Hall of Neshanic and bp. June 30, 1754

holding magnet operates. The vertical units are usually numbered from 0 to 9 from left to right when viewed from the front, although they are sometimes numbered differently depending upon the frame on which they are mounted. The 10 and 20 unit switches may be obtained with 3,4,5 or 6 pairs of springs at each crosspoint, permitting the closure of 3 to 6 leads.

Figures 2 and 3 show the details discussed so far. The 10 crosspoints of each vertical unit number from 0 to 9 starting at the bottom. Each crosspoint consists of a set of stationary contacts and a set of movable contacts. The individual stationary contacts of a vertical unit are punched from a single piece of metal and the contacts are, therefore, multiplied vertically. The movable contacts are usually multiplied across the switch to the movable contacts of like numbered crosspoints of other vertical units, although the multiple may be split in accordance with traffic requirements. The 0 crosspoints of vertical units 0-9 form horizontal level 0, the 1 crosspoints horizontal level 1, etc., up to horizontal level 9.

Each horizontal level has a selecting magnet associated with it and is used to actuate a selecting bar. Each selecting magnet is numbered on the back (wiring side) to agree with the numbering of the horizontal level with which it is associated.

The Cock-Cox-Koch family came from Kingston, N.Y. and lived on the Old York Rd. in Somerset Co. (Cox Gen.)

George had a sawmill at Neshanic and made the shingles for the Neshanic church. (Ref. SCHQ).

From here it is Stephen and Martha Quick.

I almost forgot George's children, or at least those that I have.

- Children: 1. Stephen bp. July 30, 1786 etc.
 2. Mary bp. July 24, 1791; d. 1865
 3. Rebecca bp. Sept. 11, 1797
 4. John
 5. Eliza or Elizabeth m. Abraham Vanderipe
 of Raritan)

~~Children - 1. Maria m. Jacob Klyckel
 Peter Hill's son~~

~~2. Arriet m. 12th / Harrison
 Whitlock
 son - - - Hughes~~

~~3. Maria?~~

- Children: 1. Arriet b. Sept. 8, 1816
 2. Eliza b. Aug. 7, 1818
 3. Mariah b. Apr. 9, 1820
 4. Ellen b. May 9, 1822
 5. Martha Gano b. Oct. 28, 1820 -

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bp. Raritan

Orange County California
Genealogical Society

GANO Family

REFERENCE ONLY
NOT TO BE CIRCULATED



The Crossbar Switch

The #304 and #305 type crossbar switches are electrically operated switching mechanisms or devices constructed as a rectangular field of contact springs arranged in ten horizontal rows and either ten or twenty vertical rows operated by horizontal and vertical bars. See Figures 1 and 1A for details. Any set of contacts may be closed by the operation of a selecting magnet, which determines the horizontal row, followed by the operation of a holding magnet associated with a vertical or holding armature which operates the contacts. The contacts then remain operated under the control of the holding magnet, the selecting magnet being permitted to release.

As we can see from the above, the crossbar switch is made up of a number of vertical unit assemblies each equipped with ten sets of contact springs. At present, two sizes of switches are being used. One has ten vertical units which provides 100 sets of contacts or crosspoints, and the other has 20 vertical units, which provides 200 crosspoints. These switches are usually known as 100 and 200 point switches. See Figs. 4 and 5.

Typical switch construction shows that each vertical unit consists essentially of 10 sets of contact springs or crosspoints, a holding magnet, a holding armature and when required, a set of off-normal springs which operate when the

Copy of a letter sent by John Gano, 715 Cinnamon Oak Lane, Houston 24, Texas to Mrs. Paul A. Olson, 356 West Avenue, Noroton Heights, Conn, dated Jan. 5, 1961. It was sent by Mrs. Olson to Mrs. Helen G. Huntley (Mrs. W.M.) in Feb. 1961.

"....The information that I finally came across was contained in a series of copies of records kept by Mr. Charles B. Elwood and which he had given to me about this time last year. I apologize for not finding this information sooner, and I am sure I looked over this material when first writing you, but apparently I couldn't see the woods for the trees. I quote Mr. Elwood's material as follows, to-wit:

"1--ETIENNE GANEAU (Stephen Gano, Estienne Gayneau, Genejoy-Record S.S. 'Beaver', Gino, Jeno, Gerneaux, etc.) was born in France about 1630 and became prosperous as a citizen of that Huguenot stronghold, La Rochelle. Tho that city was seized by the Catholics in 1628 thru military attacks instigated by Cardinal Richelieu the dominant Huguenots, tho deprived of political standing, were tolerated thereafter as citizens until the cruel revocation of the protective Edict of Nantes in 1685. Yet before that, during the reign of Louis XIV, intermittent persecution of the French Protestants was not uncommon. As a devout Huguenot, Etienne was often in grave danger and in 1661 'flight or the relinquishment of his Protestant religion' seemed 'the only means of preserving his life.' One of his neighbors had been martyred; he was determined on as the victim of the next day, information of his impending fate reaching him 'in the dead of the night'. Being a man of wealth he swiftly chartered a ship, hurried his family into it and was himself smuggled aboard in a hogshead. When the day set for his martyrdom dawned he was at sea. It is related that he sent ashore at various towns for other refugees, taking them first, it would seem, to the Island of Guernsey. Thence they journeyed to Amsterdam, setting sail from there on the good ship 'Beaver' (on May 9, 1661. Thus Etienne, Lydia (Metereau) Gano-his wife, and three children- a boy age 7 1/2 and two girls of 3 and 1 1/2, reached Manhattan on July 29th. As the father of this family he was the ancestor to the Ganos of America.

In New Amsterdam, Stephen acquired various properties, his first being a house and lot in Pearl Street, west of Whitehall, then the bank of the East River, purchased April 29th, 1662. Some eight years later- July 15, 1670- another house and lot were acquired on Broadway, and, with his wife, Lydia Meterau Gano, still another on Beaver / Gaft on April 22, 1672.

Folk in the Dutch colony were in those days often designated by the town of their origin rather than by their own family names. Thus we occasionally read of Stephen as 'Etienne Rochelle.' His French origin seems to have brought misunderstanding as to his religious beliefs. For example, WILLIAM PALMER, ship carpenter, engaged in building a 'ketch' at Haarlem occupied a house as tenant of Captain James Carteret. 'Etienne Rochelle, employed by

Carteret, went thither on July 4, 1675 to pick cherries.' He was in one of the trees which stood beside Palmer's house, with Nicholas de Vaux whom he had asked to assist him, when Palmer came out and roughly bade them to get down. Stephen refused, saying he had 'orders from his master to pick cherries.' Palmer promptly jerked him by the foot, plied him with oyster shells and finally took a stick to him, forcing him to leave the tree. Running to find the constable and then to Waldron's, neither of whom were home, he was overtaken by Palmer crying, 'Papist, papist!' and who first struck him with his stick and then seized him by the throat and tried to choke him. But Stephen broke away and fled into the house of Maynard Journee. Palmer then attacked Carteret's bookkeeper, William Noird, and drove him away. But Noird was luckier than Stephen for he found Demarest, the Constable, and secured an order to restrain Palmer from picking cherries. Many neighbors were aroused by the uproar and Palmer's continuing threats. Lacking further records, the final outcome is left in obscurity.

The register of the Dutch church in New York shows the Gance as members in the year of their arrival and records the baptism of their daughter, Sarah, on February 4, 1663. The tale of the cherry-tree incident seems about the last record of any of the family as residents of Manhattan or Harlem.

Two years later-June 6, 1677- Etienne was granted 80 acres of upland and 10 acres of meadow on the northwest side of Staten Island near the 'Commons' by the river side. From their home there the family in the third generation migrated, gaining early prominence in New Jersey and Northern Delaware (then part of Pennsylvania.) Etienne was living in 1680 but doubtless died before the census of 1706-8 wherein his name was unrecorded.

Much concerning the early Ganos has been gleaned from the memoirs of the distinguished Revolutionary War Chaplain, the Reverend John Gano. He became a leader among the American Baptists, held pastorates in New York, New Jersey, North Carolina and Kentucky and died at Frankfort in that State 10 August 1804 in his 78th year. His distinguished son, the Rev. Stephen, was long pastor of the First Baptist Church of Providence, Rhode Island. Unfortunately the senior Rev. Mr. Gano was not the most reliable of family historians and his errors have been rather widely publicized. He gave his paternal Gano great grandfather the name of Francis, made him live to be 104, and had him settle in New Rochelle, N.Y. But it is a matter of record that his name was ETIENNE (Stephen) and it was, as we shall see, his Englishborn maternal great grandfather who was called FRANCIS. The Rev. John's paternal uncle, who was the first Francis bearing the name as a Gano, the only one of the name who lived in New Rochelle, and doubtless the date of his rather early death assigned thru error to the first misnamed 'Francis) to make him die at '104.' Francis of New Rochelle was childless.

Married in France by or before 1653, LYDIA METERAU. She was living in 1680 and a record of an adult Lydia in the Staten Island census of 1706-8 suggest she was still living then.

CHILDREN:- (b. in France):

STEPHEN (see No. 2)

MARY ca. 1658-bf. 1680 married John Denman, 1643-1713 of Newtown, Long Island. There seems to be a record of this marriage, but, if so, Mary d. bf. 1680, as at that time Stephen declared he had but one sister.

SARAH, bp. 4 Feb. 1663- married Jean Mambru; had Eli, Etienne, Lidie & Ezechiel (Mambrut.' Sarah's baptism in the records of the Dutch Church in New Amsterdam is as given. If she was the youngest who came on the 'Beaver' she was b. ca. early 1660 or late 1659. If not, that little one died young and she was b. on Manhattan Island. She and her family appear in the register of 'Eglise Francoise la Nouvelle York' pp. 14, 33, 51 bp."

(Note:- underscoring above is mine, not Mr. Elwoods. (Note by H.G.H.--not typed in, as it was meant for Mrs. Olson and not needed here.) I ¹⁶⁶³ am quoting at this point because the remainder of Elwood's six page group of notes deals only with the son, Stephen, and his descendants. Nothing more than the foregoing deals with Mary)

Mr. Elwood gives a list of his references in support of the entire six page group of notes as follows:

- Cushman Genealogy, by Henry Wiles Cushman (1855).
- Middleboro First Church Record
- Calendar of Delaware Wills- New Castle County (pp.22,55).
- Stout Family of Delaware, by Thomas Hale Street (Phila. 1915)
- Delaware Archives (v. 1, pp 4, 5)
- Delaware by Scharf.
- Miscellany' by Stillwell (v. 1 Staten Island Census 1706)
- 'American Genealogist (July, 1942) Article by Consuelo Furman.
- Records of New Amsterdam, by Fernow (1897, v.5, p. 43)
- Revised History of Harlem, N.Y. by James Riker.
- History of the Baptists, by Benedict.
- Annals of the American Pulpit, by Wm. Sprague, M.D., v. 6, p. 62.
- 'Staten Island' by Lang & Davis (v. 1, p. 2)
- Holland Society Year Book (1902, p. 18)
- and others not listed.
- Memoirs of Rev. John Gano (N.Y. 1806)